

**IN THE UNITED STATES DISTRICT COURT
FOR THE WESTERN DISTRICT OF TEXAS
WACO DIVISION**

TIPM, LLC,

Plaintiff,

v.

McKENZIE SPORTS PRODUCTS, LLC,

Defendant.

CIVIL ACTION No.

**COMPLAINT FOR INFINGEMENT
OF U. S. PATENT NUMBERS
9,972,221 and 11,250,730**

JURY TRIAL DEMANDED

Plaintiff TIPM, LLC, for its complaint, complains against Defendant McKenzie Sports Products, LLC, demands trial by jury, and alleges that:

I. THE PARTIES

1. Plaintiff TIPM, LLC (“TIPM” or “Plaintiff”) is a Utah limited liability company with its principal place of business at 350 West 2000, South Perry, Utah 84302.

2. Defendant McKenzie Sports Products, LLC (“Defendant”) is a corporation organized and existing under the laws of Delaware, with a regular and established place of business in Caldwell, Texas, within this judicial district.

3. This action arises under the patent laws of the United States, Title 35 of the United States Code. This Court has subject matter jurisdiction of such action under 28 U.S.C. §§ 1331 and 1338(a).

4. Venue is proper in this district under 28 U.S.C. sections 1381(b) and 1400(b).

5. On May 15, 2018, and on February 15, 2022, respectively, United States Patent Numbers 9,972,221 and 11,250,730 (the “221 patent” and the “730 patent”, collectively “the patents in suit”), each entitled *Repositionable Taxidermy Mount Apparatus*, were duly and

legally issued by the United States Patent and Trademark Office. Copies of these two patents are attached to this complaint as Exhibit A.

6. Within this district, Defendant has sold and offered for sale taxidermy mount products (the “accused products”) which directly infringe claim 1 of the 221 patent and claim 15 of the 730 patent (the “asserted claims”), and is continuing to sell and offer for sale these accused products within this district. See Exhibit B showing this infringement.

7. Plaintiff TIPM is the assignee of all right, title and interest in the two patents in suit, including all rights to enforce and prosecute actions for Defendant’s infringement of the patents in suit.

8. Plaintiff TIPM has been damaged as a result of Defendant’s infringing conduct. Defendant is liable to Plaintiff TIPM for damages in an amount that adequately compensates Plaintiff TIPM for this damage.

DEMAND FOR JURY TRIAL

Plaintiff, under Rule 38 of the Federal Rules of Civil Procedure, and Local Rule 38(a), demands a trial by jury on all issues so triable.

PRAYER FOR RELIEF

WHEREFORE, Plaintiff TIPM requests that the Court find in TIPM’s favor, against Defendant, and that the Court grant Plaintiff TIPM the following relief:

- a. Judgment that one or more claims of Plaintiff ‘s patents in suit have been infringed by Defendant’s accused products;
- b. Judgment that Defendant account for and pay to Plaintiff TIPM all damages to and costs incurred by Plaintiff because of Defendant’s infringing activities, and an accounting of all infringements and damages not presented at trial;
- c. That Plaintiff TIPM be granted pre-judgment and post-judgment interest on the damages arising from Defendant’s infringing activities; and

- d. That Plaintiff TIPM be granted such other and further relief as the Court may deem just and proper under the circumstances.

May 10, 2022

____s/Patrick Bright_____

Patrick Bright (SBN 68709)

(Application for Admission *Pro Hac Vice* to
be filed)

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US009972221B2

(12) **United States Patent**
Raby

(10) **Patent No.:** **US 9,972,221 B2**
(45) **Date of Patent:** **May 15, 2018**

(54) **REPOSITIONABLE TAXIDERMY MOUNT APPARATUS**

(76) Inventor: **Samuel F. Raby**, Bluffdale, UT (US)

(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 1157 days.

(21) Appl. No.: **11/963,828**

(22) Filed: **Dec. 22, 2007**

(65) **Prior Publication Data**

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(51) **Int. Cl.**
G09B 23/36 (2006.01)
B44C 5/02 (2006.01)

(52) **U.S. Cl.**
CPC **G09B 23/36** (2013.01); **B44C 5/02** (2013.01)

(58) **Field of Classification Search**

CPC **G09B 23/36**; **B44C 5/02**
USPC 248/282.1, 285.1, 289.11, 240, 240.4,
248/122.1, 125.7, 213.1; 428/542.4
See application file for complete search history.

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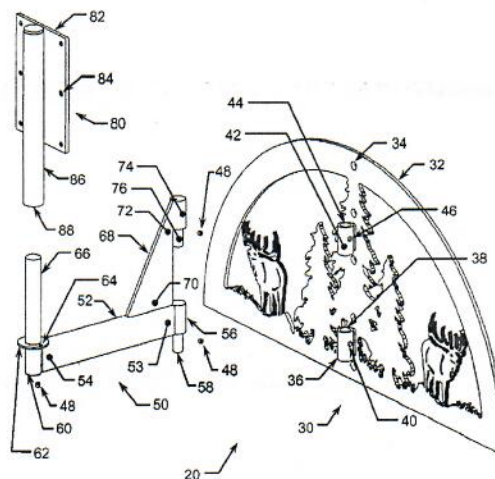
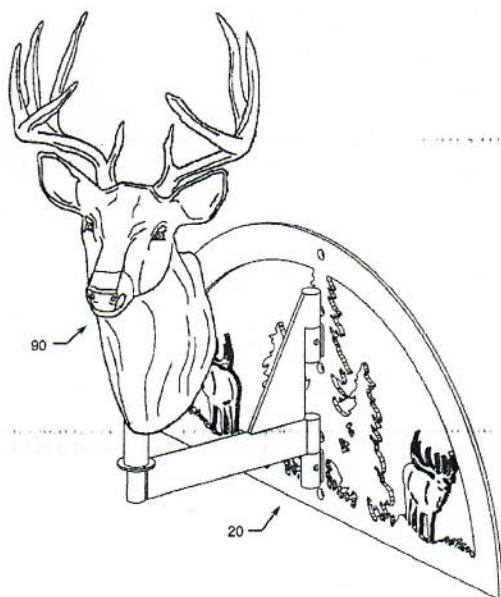
Primary Examiner — Anita M King

(74) *Attorney, Agent, or Firm* — Michael R. Schramm

(57) **ABSTRACT**

The repositionable taxidermy mount apparatus is an invention that allows a user to quickly and easily reposition a taxidermy type mounted animal or animal portion. The apparatus provides for motion about a plurality of axes creating the ability to display a taxidermy mounted animal in a multitude of different positions and orientations. The apparatus further includes an easily interchangeable swivel plate device which allows the user to display different mounted animals at various mount angles.

2 Claims, 10 Drawing Sheets



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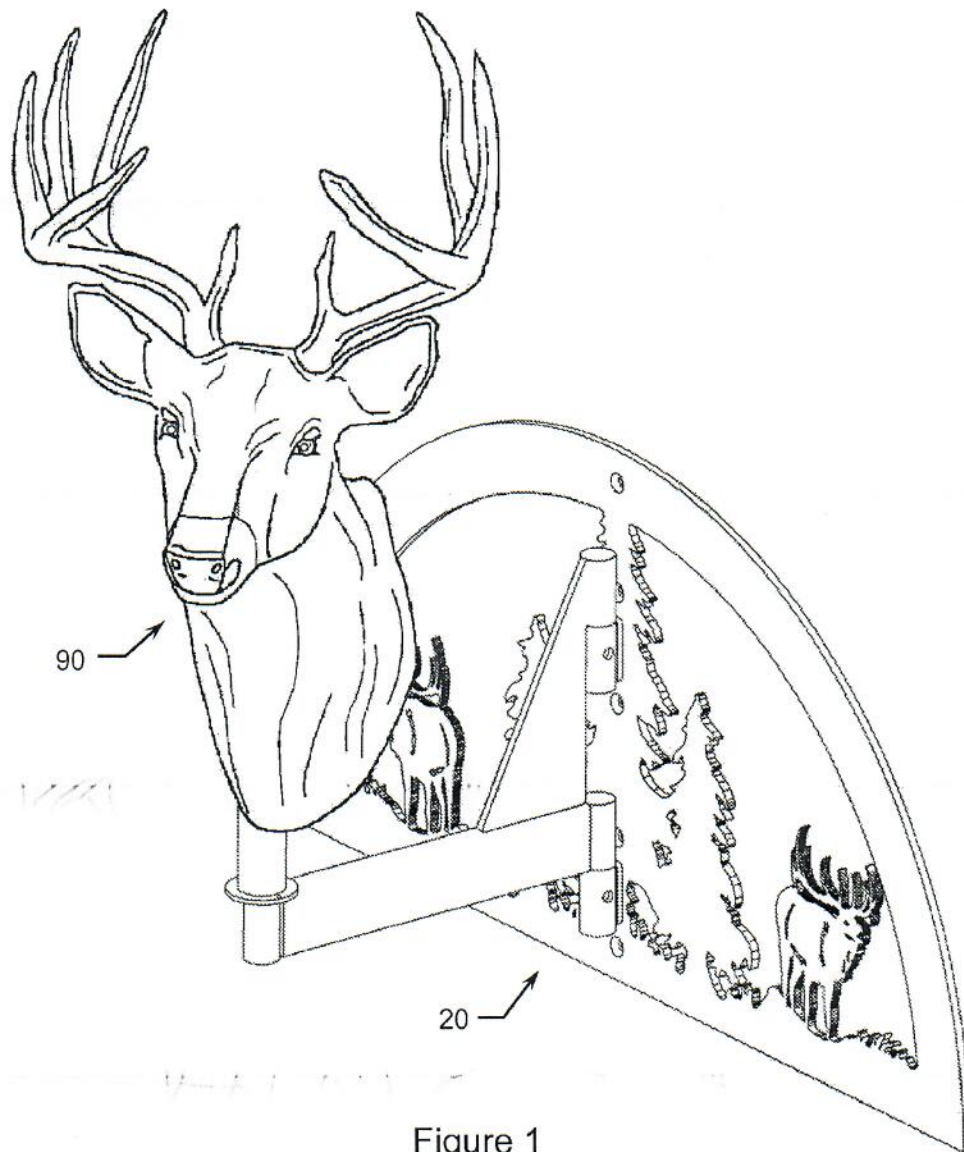


Figure 1

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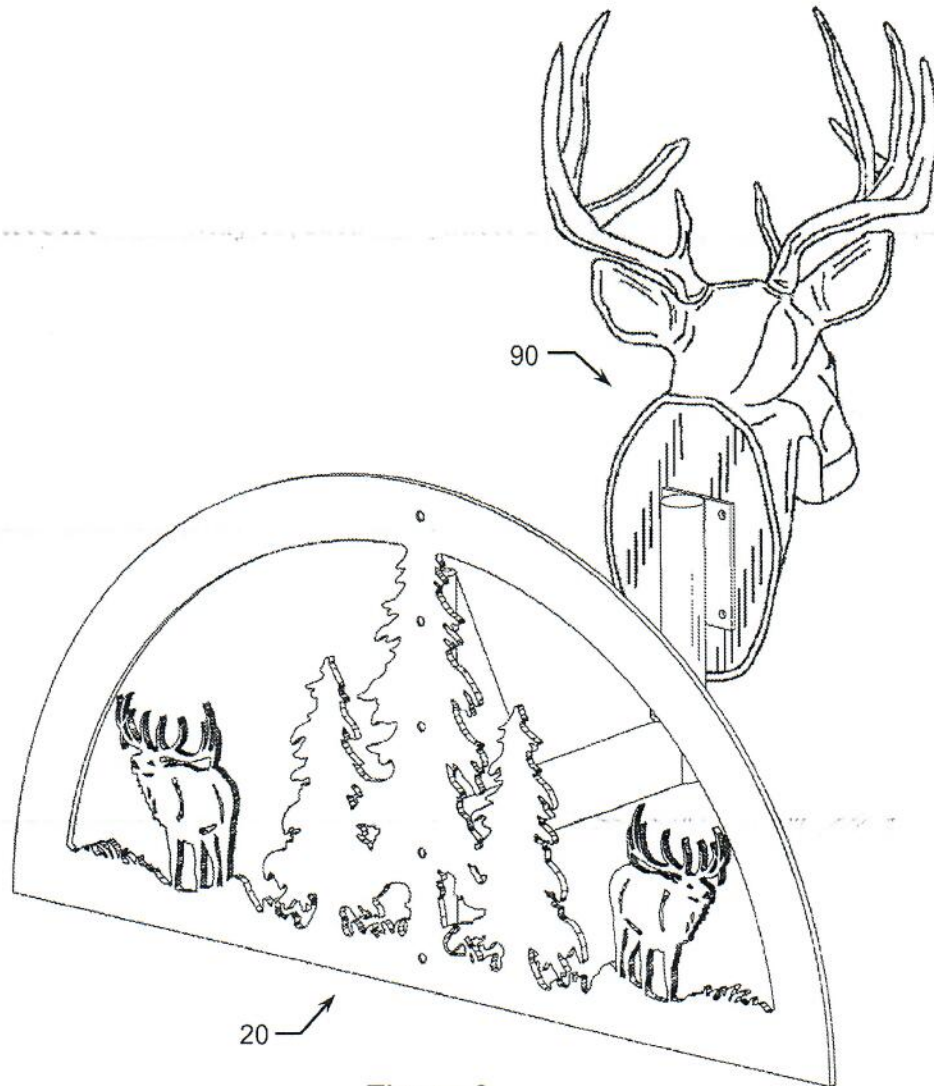


Figure 2

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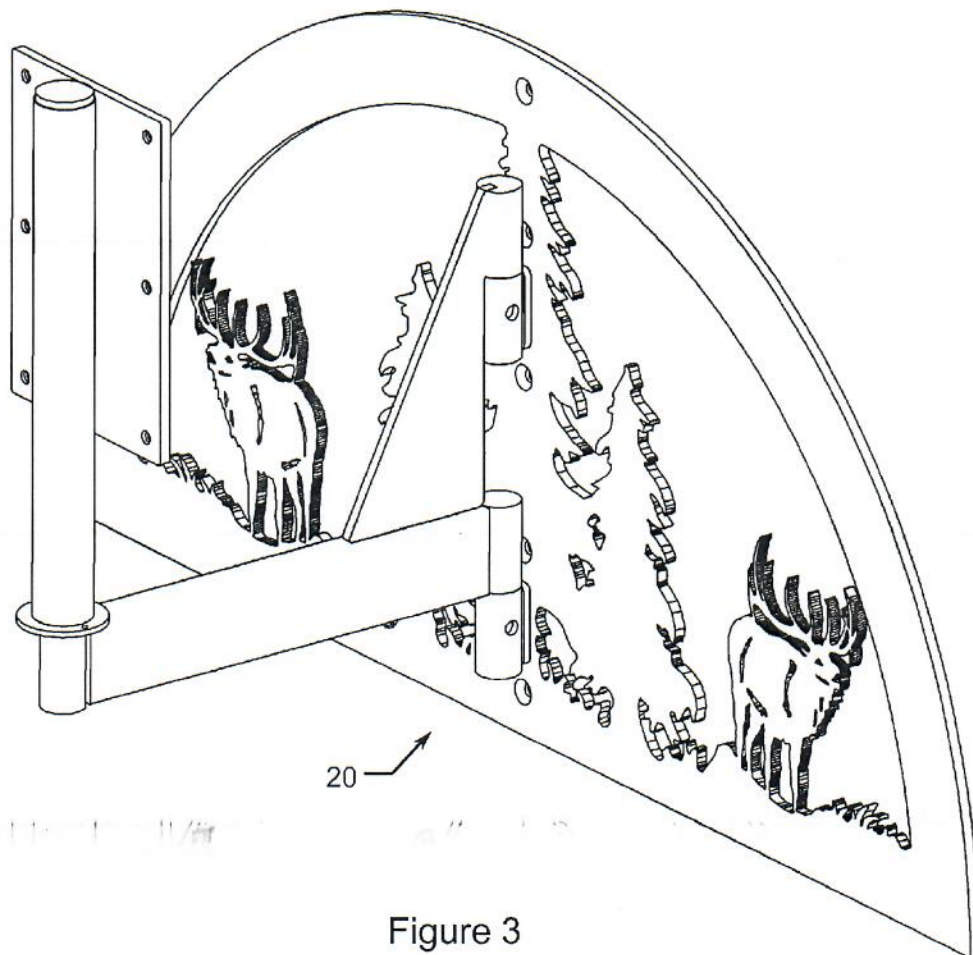


Figure 3



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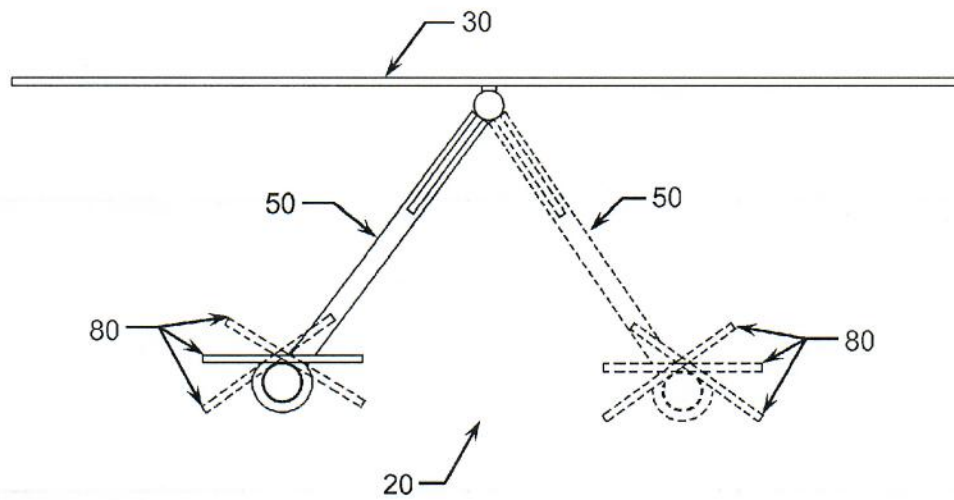


Figure 5

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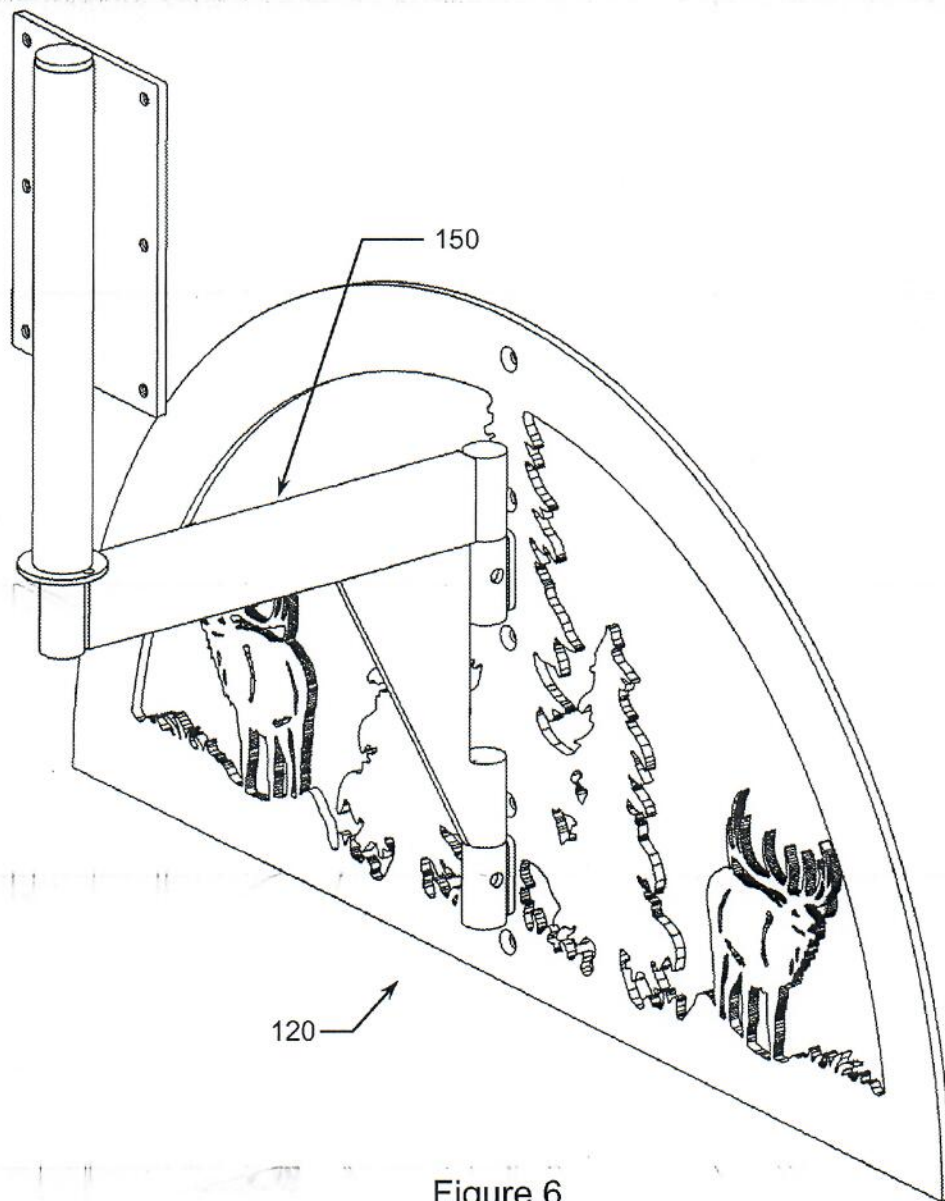


Figure 6

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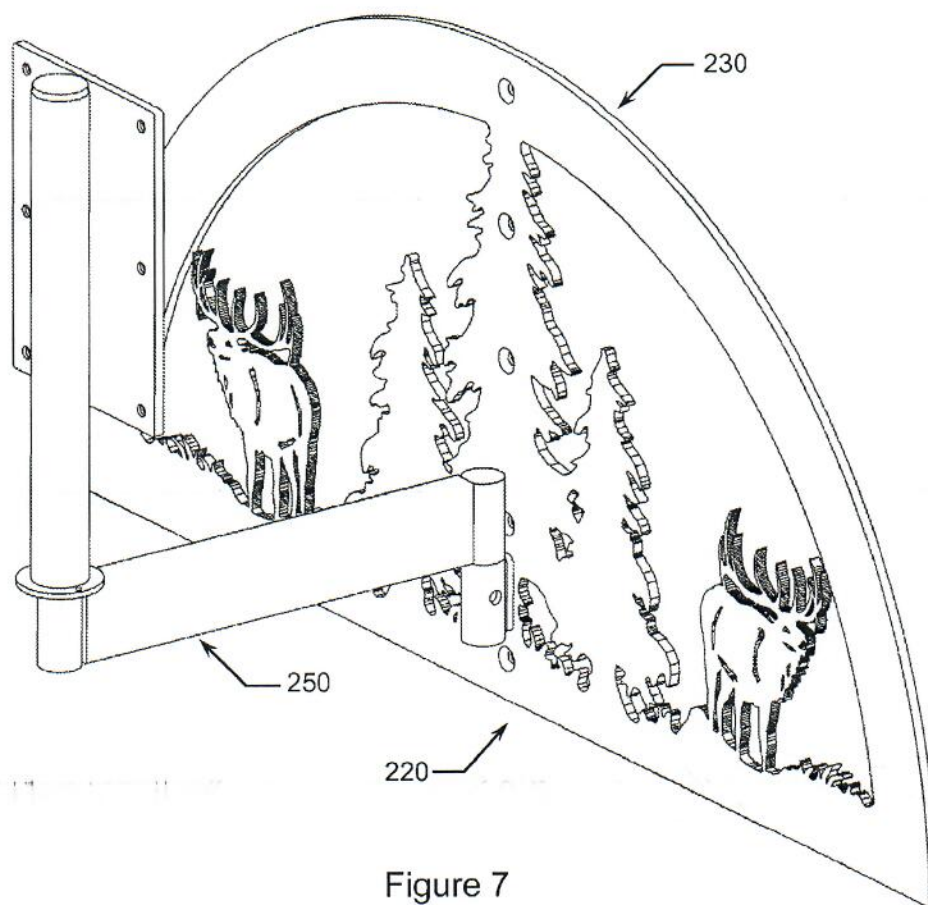


Figure 7

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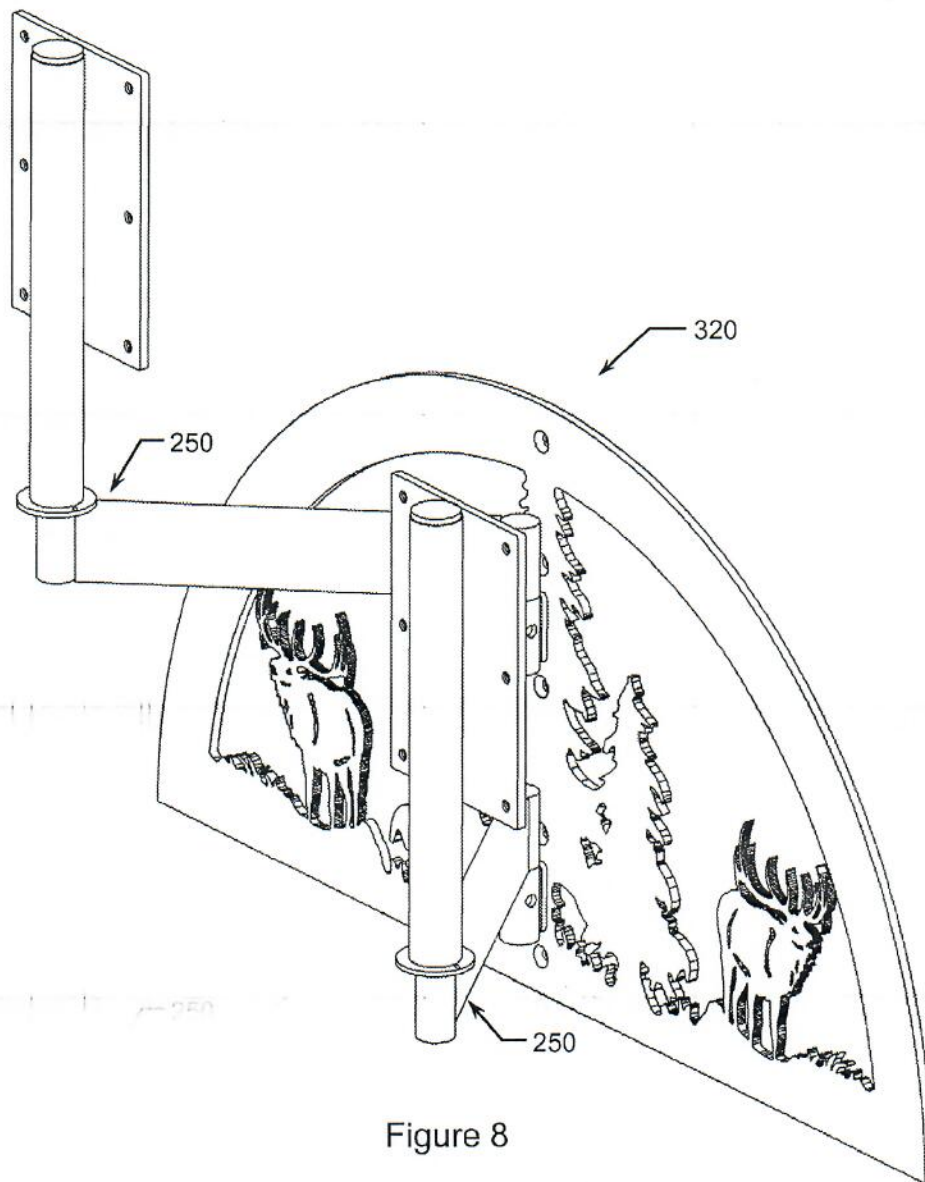


Figure 8

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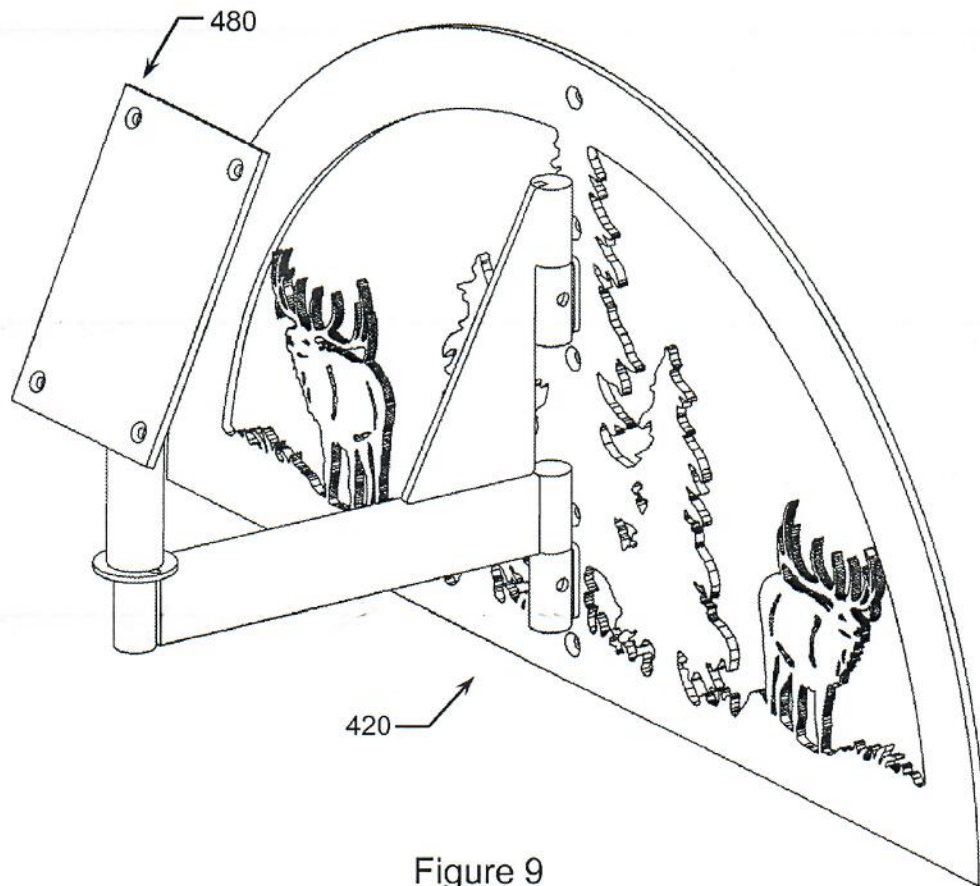


Figure 9

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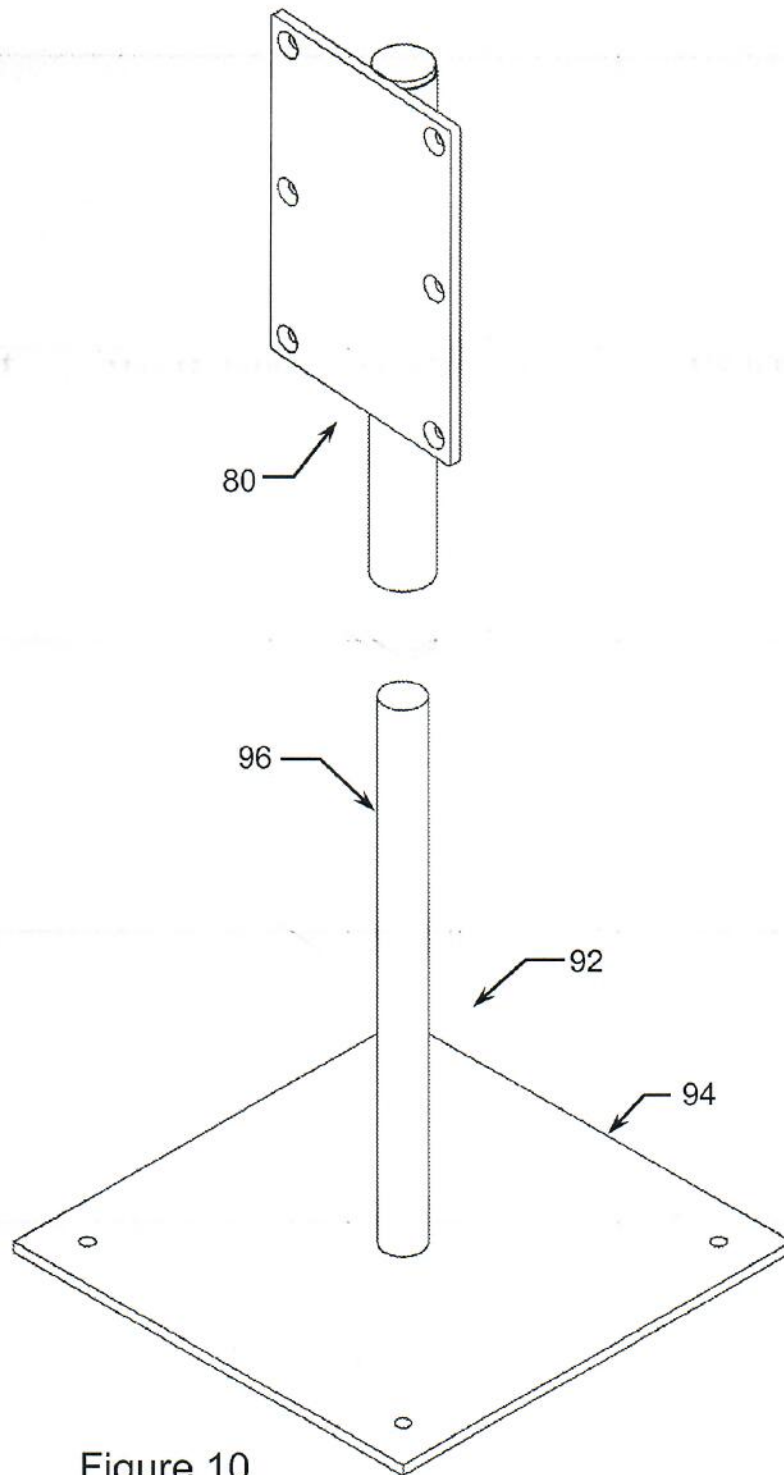


Figure 10

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REPOSITIONABLE TAXIDERMY MOUNT APPARATUS

BACKGROUND OF THE INVENTION

Field of the Invention

This invention relates to taxidermy type mounting apparatuses and in particular, to taxidermy mounting apparatuses that provide for movement or repositioning of the mounted game or fish or like mounted object

Description of the Related Art

It is common for hunters, fishermen, and outdoor enthusiasts to desire to display animals or the like that they have taken in the wild. A variety of taxidermy type mounting apparatuses are further well known and are in widespread use in displaying such animals. Such mounting apparatuses have often consisted merely of a static display case, a static display stand, or of a static plaque type mounting apparatus that mounts substantially flush to a wall.

However, some have sought to improve upon such static type mounting apparatuses. Many users of mount apparatuses have shown a desire to be able to reposition a mounted animal head or animal bust to a variety of different positions without the need of having to remount the animal head or animal bust. For instance, the following list of US patents and applications disclose inventions related to taxidermy mounting apparatuses and/or movable mounting apparatuses and are incorporated herein by reference: U.S. Pat. Nos. 4,145,006, 4,225,106, 4,971,865, 6,458,434, 6,561,468, 6,828,035, 7,207,535, 7,243,888, and 20070190891. However, the inventive concepts disclosed in the preceding list of patents have failed to teach a repositionable taxidermy mount apparatus that may be repositionable about multiple axes or that may be repositioned beyond movement about a single rotational axis. Such a repositionable taxidermy mount apparatus that overcomes the noted problems is heretofore unknown and is the subject of this invention.

SUMMARY OF THE INVENTION

The present invention has been developed in response to the present state of the art, and in particular, in response to taxidermy mount apparatuses that were described to be lacking in the art. Accordingly, the present invention is an improved taxidermy mount system or apparatus that comprises substantially flat base plate having at least one support collar, a cantilever type swing arm, and a swivel plate device. The base plate is fastened to a wall or like structure. A first end of the swing arm is rotatably positioned in the collar, and the swivel plate device is rotatably positioned on the second end of the swing arm. With the apparatus thus assembled, the swing arm is free to rotate about a first axis of the swing arm that is substantially coincident with the center of the collar and the center of the swing arm first end. The swivel plate device is also free to rotate about an axis that is substantially coincident to the center of the swing arm second end and the center of the swivel plate device. An animal head or animal bust or like object is preferably mounted to the swivel plate device. Thus the taxidermy mount apparatus is adapted to reposition such mounted animal head in a great many different positions and attitudes without mechanical alteration to the mount apparatus.

Reference throughout this specification to features, advantages, or similar language does not imply that all of the features and advantages that may necessarily be realized with the present invention should be or are in any single embodiment of the invention. Rather, language referring to

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the features and advantages is understood to mean that a specific feature, advantage, or characteristic described in connection with an embodiment is included in at least one embodiment of the present invention. Thus, discussion of the features and advantages, and similar language, throughout this specification may, but do not necessarily, refer to the same embodiment.

Furthermore, the described features, advantages, and characteristics of the invention may be combined in any suitable manner in one or more embodiments. One skilled in the relevant art will recognize that the invention can be practiced without one or more of the specific features or advantages of a particular embodiment. In other instances, additional features and advantages may be recognized in certain embodiments that may not be present in all embodiments of the invention.

These features and advantages of the present invention will become more fully apparent from the following description and appended claims, or may be learned by the practice of the invention as set forth hereinafter.

DESCRIPTION OF DRAWINGS

In order that the advantages of the invention will be readily understood, a more particular description of the invention briefly described above will be rendered by reference to specific embodiments that are illustrated in the appended drawings. Understanding that these drawings depict only typical embodiments of the invention and are not therefore to be considered to be limiting of its scope, the invention will be described and explained with additional specificity and detail through the use of the accompanying drawings, in which:

FIG. 1 is an isometric view of a first embodiment of the apparatus having an animal bust shown mounted to the apparatus;

FIG. 2 is a reverse isometric view of a first embodiment of the apparatus having an animal bust shown mounted to the apparatus;

FIG. 3 is an isometric view of a first embodiment of the apparatus;

FIG. 4 is an exploded isometric view of a first embodiment of the apparatus;

FIG. 5 is a plan view of a first embodiment of the apparatus depicting the rotational movement of the apparatus;

FIG. 6 is an isometric view of a second embodiment of the apparatus, the second embodiment having an inverted swing arm;

FIG. 7 is an isometric view of a third embodiment of the apparatus, the third embodiment having a light duty swing arm;

FIG. 8 is an isometric view of a fourth embodiment of the apparatus, the fourth embodiment having multiple swing arms;

FIG. 9 is an isometric view of a fifth embodiment of the apparatus, the fifth embodiment having an angled swivel plate device, and;

FIG. 10 is an exploded isometric view of a swivel plate device and a pedestal.

DETAILED DESCRIPTION OF THE INVENTION

Reference throughout this specification to "one embodiment," "an embodiment," or similar language means that a particular feature, structure, or characteristic described in

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connection with the embodiment is included in at least one embodiment of the present invention. Thus, appearances of the phrases "in one embodiment," "in an embodiment," and similar language throughout this specification may, but do not necessarily, all refer to the same embodiment.

Furthermore, the described features, structures, or characteristics of the invention may be combined in any suitable manner in one or more embodiments. In the following description, numerous specific details are included to provide a thorough understanding of embodiments of the invention. One skilled in the relevant art will recognize, however, that the invention can be practiced without one or more of the specific details, or with other methods, components, materials, and so forth. In other instances, well-known structures, materials, or operations are not shown or described in detail to avoid obscuring aspects of the invention.

The invention is an improved repositionable taxidermy mount apparatus for display a mounted animal bust in a variety of repositionable positions. The invention preferably includes at least one swing arm that provides for rotational movement about at least two axes. In order to facilitate the understanding of the present invention in reviewing the drawings accompanying the specification, a feature list is provided below. It is noted that like features are like numbered throughout all of the figures.

FEATURE TABLE

#	Feature	#	Feature
20	Mount apparatus	30	Base
32	Base plate	34	Attach hole
36	Lower blind collar	38	Bore hole
40	Threaded set screw hole	42	Upper blind collar
44	Bore hole	46	Threaded set screw hole
48	Set screw	50	Swing arm device
52	Support arm	53	Support arm first end
54	Support arm second end	56	First shaft
58	Rod	60	Second shaft
62	Shaft flange	64	Set screw hole
66	Rod	68	Gusset
70	Gusset lower end	72	Gusset upper end
74	Third shaft	76	Rod
80	Swivel plate device	82	Swivel plate
84	Attach hole	86	Blind collar
88	Bore hole	90	Animal bust
92	Pedestal	94	Base
96	Rod		
120	Mount apparatus	30	Base
32	Base plate	34	Attach hole
36	Lower blind collar	38	Bore hole
40	Threaded set screw hole	42	Upper blind collar
44	Bore hole	46	Threaded set screw hole
48	Set screw	50	Swing arm device
52	Support arm	53	Support arm first end
54	Support arm second end	56	First shaft
58	Rod	60	Second shaft
62	Shaft flange	64	Set screw hole
66	Rod	68	Gusset
70	Gusset lower end	72	Gusset upper end
74	Third shaft	76	Rod
80	Swivel plate device	82	Swivel plate
84	Attach hole	86	Blind collar
88	Bore hole	90	Animal bust
220	Mount apparatus	230	Base
32	Base plate	34	Attach hole
36	Lower blind collar	38	Bore hole
40	Threaded set screw hole		
48	Set screw	250	Swing arm device
52	Support arm	53	Support arm first end
54	Support arm second end	56	First shaft
58	Rod	60	Second shaft
62	Shaft flange	64	Set screw hole

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-continued

FEATURE TABLE

#	Feature	#	Feature
66	Rod	82	Swivel plate
80	Swivel plate device	86	Blind collar
84	Attach hole	90	Animal bust
88	Bore hole	30	Base
320	Mount apparatus	34	Attach hole
32	Base plate	38	Bore hole
36	Lower blind collar	42	Upper blind collar
40	Threaded set screw hole	46	Threaded set screw hole
44	Bore hole	250	Swing arm device
48	Set screw	53	Support arm first end
52	Support arm	56	First shaft
54	Support arm second end	60	Second shaft
58	Rod	64	Set screw hole
62	Shaft flange		
66	Rod	82	Swivel plate
80	Swivel plate device	86	Blind collar
84	Attach hole	90	Animal bust
88	Bore hole	30	Base
420	Mount apparatus	34	Attach hole
32	Base plate	38	Bore hole
36	Lower blind collar	42	Upper blind collar
40	Threaded set screw hole	46	Threaded set screw hole
44	Bore hole	50	Swing arm device
48	Set screw	53	Support arm first end
52	Support arm	56	First shaft
54	Support arm second end	60	Second shaft
58	Rod	64	Set screw hole
62	Shaft flange	68	Gusset
66	Rod	72	Gusset upper end
70	Gusset lower end	76	Rod
74	Third shaft	82	Swivel plate
480	Swivel plate device	86	Blind collar
84	Attach hole	90	Animal bust
88	Bore hole		

Referring now to the drawings and in particular to FIGS. 1 through 4, a first embodiment of the invention is a repositionable taxidermy mount apparatus 20 for use in displaying a mounted animal bust 90 in a variety of repositionable configurations comprising a base 30, a swing arm device 50, a swivel plate device 80, and preferably a plurality of set screws 48. It shall be noted that a variety of creatures or creature parts including but not limited to a deer head, a deer bust, an elk head, an elk bust, an antelope head, an antelope bust, a moose head, a moose bust, a bear head, a bear bust, a bison head, a bison bust, a bird, a bird head, a bird bust, a fish, and a fish head may be mounted to apparatus 20, and that all such creatures or creature parts shall fall within the meaning of the term "taxidermy mount object".

Base 30 comprises a substantially flat rigid steel base plate 32 welded to a lower blind steel collar 36 and to an upper blind steel collar 42. Plate 32 further includes a plurality of attach holes 34. Plate 32 may optionally include decorative cutouts formed in plate 32. For instance, plate 32 may define an outdoor type scenery cutout depicting trees, animals, and other images relating to hunting. Lower blind collar 36 includes a bore hole 38, and preferably a threaded set screw hole 40. Upper blind collar 42 includes a bore hole 44, and preferably a threaded set screw hole 46.

Swing arm device 50 comprises a support arm 52, a first shaft 56, a second shaft 60, a gusset 68, and a third shaft 74. Support arm 52 defines generally rectangular elongated rigid steel arm having a first end 53, and a second end 54. First shaft 56 defines a generally rigid cylindrical steel shaft having a rigid cylindrical steel rod 58 protruding downwardly from shaft 56. Shaft 56 defines an outer diameter and rod 58 defines an outer diameter, with the outer diameter of

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shaft 56 being larger than the outer diameter of rod 58. Second shaft 60 defines a generally rigid cylindrical steel shaft having a rigid cylindrical steel rod 66 protruding upwardly from shaft 60 and having a substantially thin cylindrical steel flange 62 affixed between shaft 60 and rod 66 and extending radially outward therefrom. Shaft 60 defines an outer diameter, rod 66 defines an outer diameter, and flange 62 defines an outer diameter, with the outer diameter of shaft 60 being larger than the outer diameter of rod 66, and with the outer diameter of flange 62 being larger than the outer diameter of shaft 60. Flange 62 further preferably includes threaded set screw hole 64 formed in flange 62. Gusset 68 defines generally flat triangular rigid steel gusset having a lower end 70, and an upper end 72. Third shaft 74 defines a generally rigid cylindrical steel shaft having a rigid cylindrical steel rod 76 protruding downwardly from shaft 74. Shaft 74 defines an outer diameter and rod 76 defines an outer diameter, with the outer diameter of shaft 74 being larger than the outer diameter of rod 76. Support arm first end 53 is welded to first shaft 56, and support arm second end 54 is welded to second shaft 60. Gusset lower end is welded to an upper surface of support arm 52, and gusset upper end is welded to shaft 74. Swing arm device 50, having a gusset 68 and a third shaft 74, is considered a heavy duty swing arm device.

Swivel plate device 80 comprises a substantially flat rigid steel swivel plate 82 welded to an elongated blind steel collar 86 such that plate 82 is positioned substantially parallel to collar 86. Plate 82 further includes a plurality of attach holes 84. Elongated blind collar 86 includes an elongated bore hole 88.

Set screw 48 defines a mechanical type set screw as is common to the fastening industry. Specifically, set screw 48 preferably defines a cylindrical screw having outer threads and a point on a first end and a slot on a second end. Pedestal 92 defines a conventional pedestal having a base 94 and a rod 96.

Repositionable taxidermy mount apparatus 20 is assembled such that base 30 is mounted to a wall or like structure by installing screws or like fasteners through attach holes 34 and into a wall, swing arm device 50 is rotatably connected to base 30 by inserting rods 58 and 76 into bore holes 38 and 44 respectively, and swivel plate device 80 is rotatably connected to swing arm device 50 by inserting rod 66 into bore hole 88. With apparatus 20 thus assembled, swivel plate 82 is repositionable to a multitude of different positions by virtue of swing arm device 50 being rotatable with respect to base 30 in combination with swivel plate device 80 being rotatable with respect to swing arm device 50. Such compound movement or movement along or about more than one axis for the purposes of this application shall be considered "complex movement" and shall define over "simple movement" which for the purposes of this application shall be considered that movement which is limited to movement along or about a single axis. To temporarily secure swivel plate 82 from movement, set screws 48 may be threadingly inserted into threaded set screw holes 40 and 46 such that rotation of swing arm device 50 with respect to base 30 is temporarily prevented and set screws 48 may be threadingly inserted into threaded set screw hole 64 such that such that rotation of swivel plate device 80 with respect to swing arm device 50 is temporarily prevented.

In practice, before apparatus 20 is assembled, swivel plate device 80 is preferably assembled into animal bust 90 by casting device 80 within a foam or like animal bust substrate material during the taxidermy construction process of animal bust 90. In such construction process, the only portion

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of swivel plate device 80 that remains exposed is bore hole 88. Alternatively, swivel plate device 80 may be retroactively attached to a pre-existing animal bust 90 by inserting screws or like fasteners through attach holes 84 and animal bust 90. When apparatus 20 is assembled as described and includes animal bust 90 attached to plate 82, animal bust 90 is repositionable to a multitude of different positions. Thus for instance animal bust 90 could be positioned near a wall or far from a wall. Further, animal bust 90 could be positioned such that animal bust 90 appears to be looking towards a viewer at a predetermined viewing location or alternatively animal bust 90 could be positioned such that animal bust 90 appears to be looking away from a viewer at a predetermined viewing location.

It is noted that swivel plate device 80 is simply and easily removed from swing arm device 50 and may readily placed on a pedestal such as pedestal 92 by placing bore hole 88 over rod 96. Furthermore, swivel plate device 80 having animal bust attached thereto, may be simply and easily replaced with a second instance of swivel plate device 80 having a second instance of animal bust 90 attached thereto. Thus using the described method, if a user tires of displaying for instance a deer bust, the user may easily replace the deer bust with an antelope bust.

Referring now to the drawings and in particular to FIG. 6, a second embodiment of the invention is repositionable taxidermy mount apparatus 120. Apparatus 120 is substantially identical to apparatus 20 and includes all of the parts and features of apparatus 20 except that in apparatus 120, swing arm device 50 is replaced with swing arm device 150. Swing arm device 150 is substantially identical to swing arm device 50 except that in swing arm device 150, gusset 68 and correspondingly third shaft 74 are welded to a lower surface of support arm 52. Accordingly, in apparatus 120, swivel plate device 80 is positioned higher with respect to base 30 than is swivel plate device 80 with respect to base 30 in apparatus 20.

Referring now to the drawings and in particular to FIG. 7, a third embodiment of the invention is repositionable taxidermy mount apparatus 220. Apparatus 220 is substantially identical to apparatus 20 and includes all of the parts and features of apparatus 20 except that in apparatus 220, base 30 is replaced with base 230 and swing arm device 50 is replaced with swing arm device 250. Base 230 is substantially identical to base 30 except that base 230 does not include upper blind collar 42. Swing arm device 250 is substantially identical to swing arm device 50 except that swing arm device 250 does not include gusset 68 or third shaft 74. Swing arm device 250, not having a gusset 68 and a third shaft 74, is considered a light duty swing arm device.

Referring now to the drawings and in particular to FIG. 8, a fourth embodiment of the invention is repositionable taxidermy mount apparatus 320. Apparatus 320 is substantially identical to apparatus 20 and includes all of the parts and features of apparatus 20 except that in apparatus 320, single swing arm device 50 is replaced with two instances of swing arm device 250. Accordingly, in apparatus 320, two instances of animal bust 90 may be displayed and repositioned simultaneously.

Referring now to the drawings and in particular to FIG. 9, a fifth embodiment of the invention is repositionable taxidermy mount apparatus 420. Apparatus 420 is substantially identical to apparatus 20 and includes all of the parts and features of apparatus 20 except that in apparatus 420, swivel plate device 80 is replaced with swivel plate device 480. Swivel plate device 480 is substantially identical to swivel plate device 80 except that in swivel plate device 480, swivel

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plate 82 is welded to collar 86 such that plate 82 is positioned in a substantially angled or non-parallel attitude with respect to collar 86. Accordingly, in apparatus 420, animal bust 90 may be display at an angle that is different from the display angle of apparatus 20. Furthermore, it is noted that in apparatus 20, a variety of swivel plate devices having a variety of swivel plate display angles may be substituted for swivel plate device 80.

The present invention may be embodied in other specific forms without departing from its spirit or essential characteristics. The described embodiments are to be considered in all respects only as illustrative and not restrictive. The scope of the invention is, therefore, indicated by the appended claims rather than by the foregoing description. All changes which come within the meaning and range of equivalency of the claims are to be embraced within their scope.

I claim:

1. A repositionable taxidermy mount apparatus for use in repositionally displaying a taxidermy mount object including processed deer, elk, antelope, moose, bear, bison, birds, and fish both near a wall and far from a wall via complex movement such that the viewing orientation of said taxidermy mount object is altered, said apparatus comprising:

a base defining a substantially flat plate having at least one collar connected to said plate;

a support arm having a first end and a second end, said first end being connected to at least one first shaft having a rod extending therefrom, and said second end being connected to a second shaft having a rod extending therefrom;

a swivel device defining a substantially flat plate having a collar connected to said plate, and;

a taxidermy mount object;

wherein said rod of said at least one first shaft is rotatably positioned in said at least one base collar, and wherein said swivel device collar is rotatably positioned on said rod of said second shaft, and wherein said taxidermy mount object is mounted to said swivel device such that said support arm is rotatable about said support arm first end and said swivel device is rotatable about said support arm second end, such that said taxidermy mount object is repositionable via complex motion to result in at least one repositioning comprising said taxidermy mount object being repositioned from a near to said base position to a far from said base position, said taxidermy mount object being repositioned from a far from said base position to a near to said base position, said taxidermy mount object being repositioned from a looking towards a viewer at a predetermined viewing location position to a looking away from said viewer at said predetermined viewing location position, said taxidermy mount object being repositioned from a looking away from a viewer at a predetermined viewing location position to a looking towards said viewer at said predetermined viewing location position, and a combination thereof, and wherein a select apparatus position is temporarily fixed,

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and wherein said base collar includes a threaded set screw hole, and wherein said support arm second shaft includes a flange having a threaded set screw hole, and wherein said apparatus includes a plurality of threaded set screws, and wherein when a set screw is threadingly inserted into said base collar set screw hole and wherein when a set screw is threadingly inserted into said support arm flange set screw hole, said select apparatus position is temporarily fixed.

2. A repositionable taxidermy mount apparatus for use in repositionally displaying a taxidermy mount object including processed deer, elk, antelope, moose, bear, bison, birds, and fish both near a wall and far from a wall via complex movement such that the viewing orientation of said taxidermy mount object is altered, said apparatus comprising:

a base defining a substantially flat plate having at least one collar connected to said plate;

a support arm having a first end and a second end, said first end being connected to at least one first shaft having a rod extending therefrom, and said second end being connected to a second shaft having a rod extending therefrom;

a swivel device defining a substantially flat plate having a collar connected to said plate, and;

a taxidermy mount object;

wherein said rod of said at least one first shaft is rotatably positioned in said at least one base collar, and wherein said swivel device collar is rotatably positioned on said rod of said second shaft, and wherein said taxidermy mount object is mounted to said swivel device such that said support arm is rotatable about said support arm first end and said swivel device is rotatable about said support arm second end, such that said taxidermy mount object is repositionable via complex motion to result in at least one repositioning comprising said taxidermy mount object being repositioned from a near to said base position to a far from said base position, said taxidermy mount object being repositioned from a far from said base position to a near to said base position, said taxidermy mount object being repositioned from a looking towards a viewer at a predetermined viewing location position to a looking away from said viewer at said predetermined viewing location position, said taxidermy mount object being repositioned from a looking away from a viewer at a predetermined viewing location position to a looking towards said viewer at said predetermined viewing location position, and a combination thereof, and wherein said base includes a plurality of collars, and wherein said support arm includes a plurality of first shafts, and wherein said support arm includes a gusset having a first end and a second end, said gusset first end being connected to said support arm and said second gusset end being connected to a second instance of a first shaft.

* * * * *



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(12) **United States Patent**
Raby

(10) **Patent No.:** **US 11,250,730 B2**(45) **Date of Patent:** ***Feb. 15, 2022**

(54) **REPOSITIONABLE TAXIDERMY MOUNT APPARATUS**

(71) Applicant: **Samuel F. Raby**, Dammeron Valley, UT (US)

(72) Inventor: **Samuel F. Raby**, Dammeron Valley, UT (US)

(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

This patent is subject to a terminal disclaimer.

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Related U.S. Application Data

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(51) **Int. Cl.** **Samuel F. Raby, Dammeron Valley, UT**

G09B 23/36 (2006.01)

B44C 5/02 (2006.01)

(52) **U.S. Cl.**
CPC **G09B 23/36** (2013.01); **B44C 5/02** (2013.01)

(58) **Field of Classification Search**

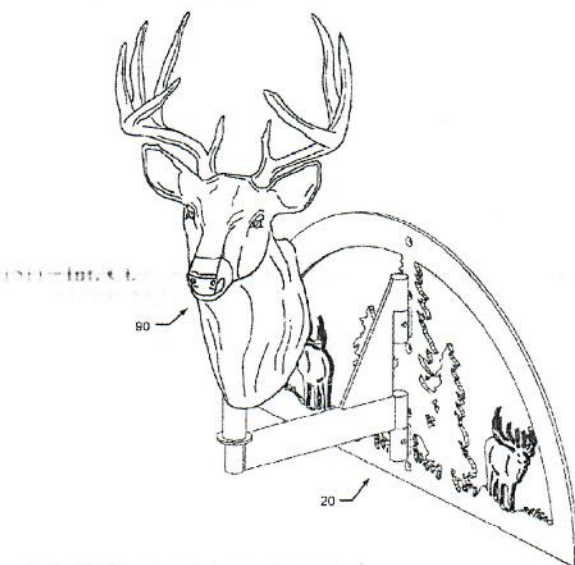
CPC **G09B 23/36**; **B44C 5/02**

USPC 248/282.1, 285.1, 289.11, 240, 240.4,

248/122.1, 125.7, 213.1; 428/542.4

See application file for complete search history.

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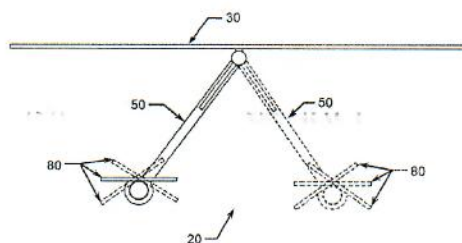
Primary Examiner — Anita M King

(74) Attorney, Agent, or Firm — Michael R. Schramm

(57) **ABSTRACT**

The repositionable taxidermy mount apparatus is an invention that allows a user to quickly and easily reposition a taxidermy type mounted animal or animal portion. The apparatus provides for motion about a plurality of axes creating the ability to display a taxidermy mounted animal in a multitude of different positions and orientations. The apparatus further includes an easily interchangeable swivel plate device which allows the user to display different mounted animals at various mount angles.

21 Claims, 10 Drawing Sheets



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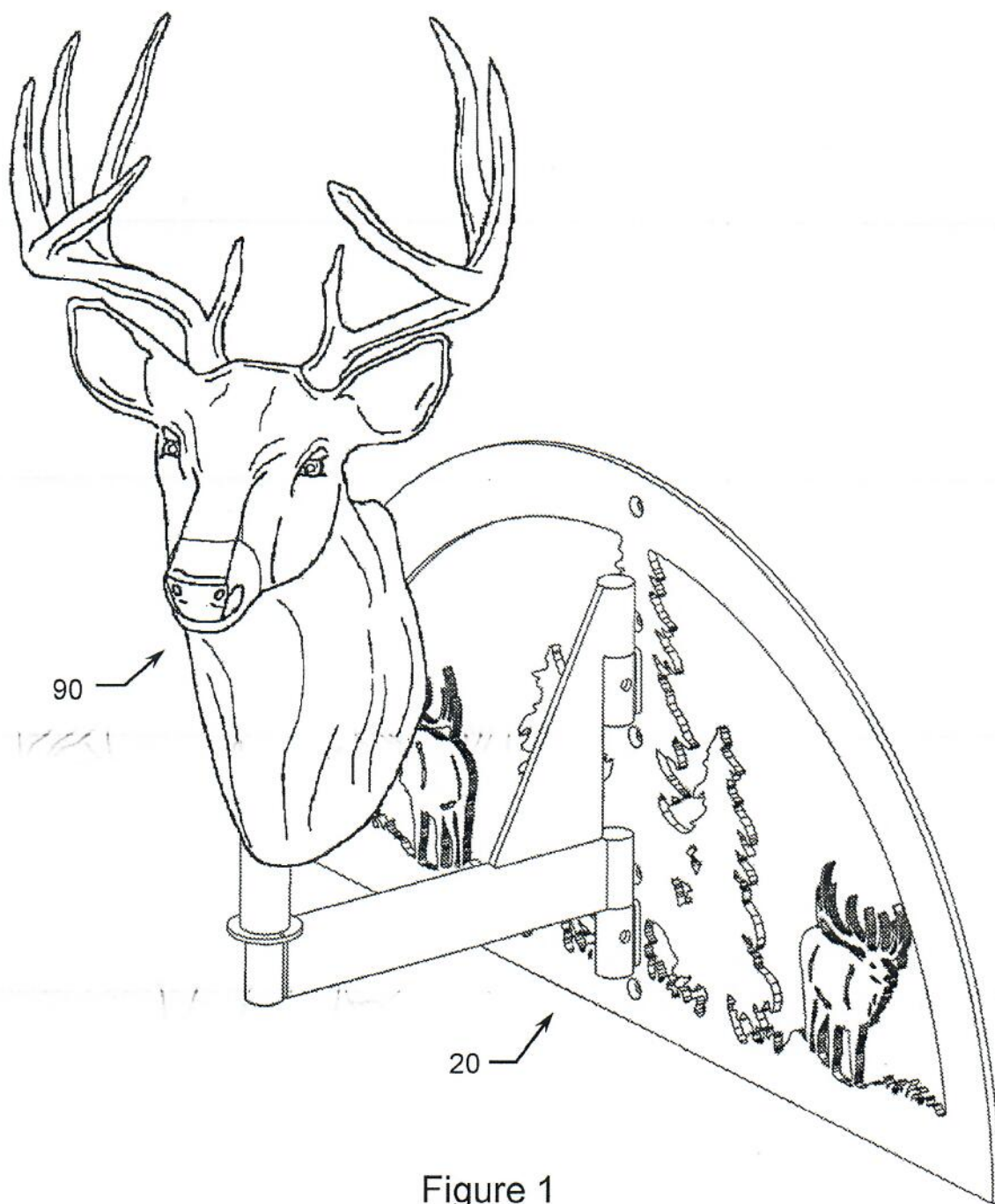


Figure 1

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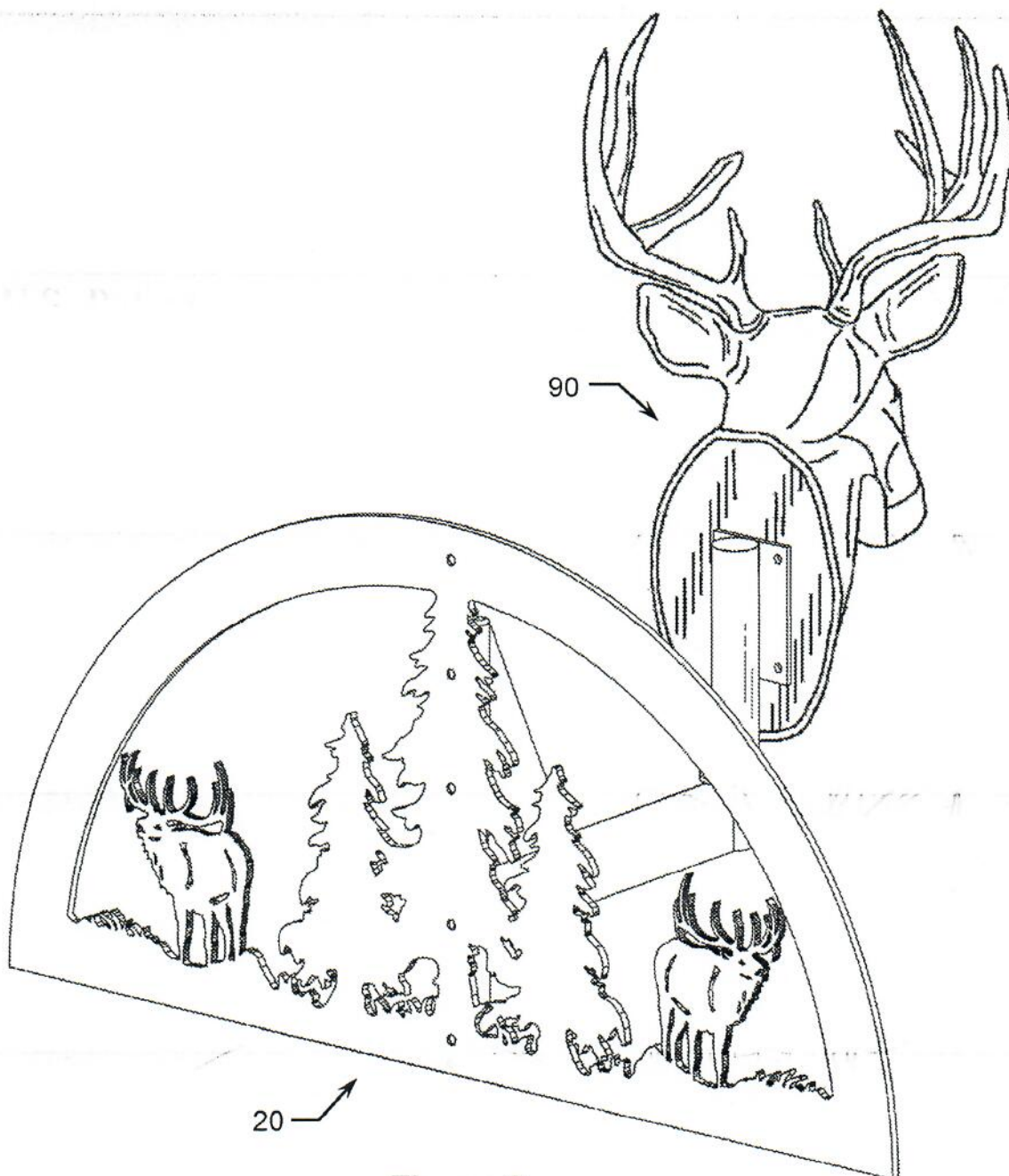


Figure 2

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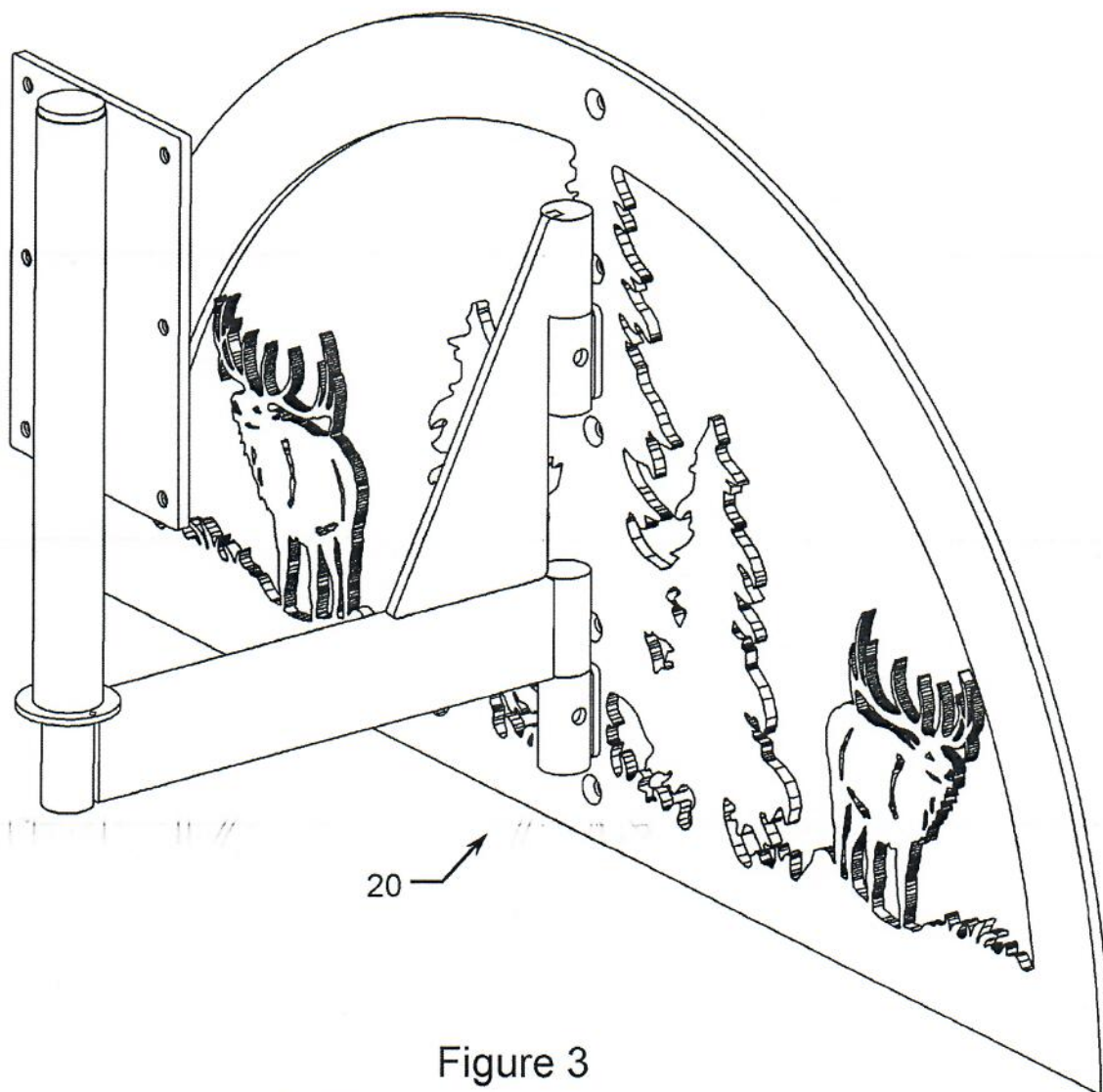


Figure 3

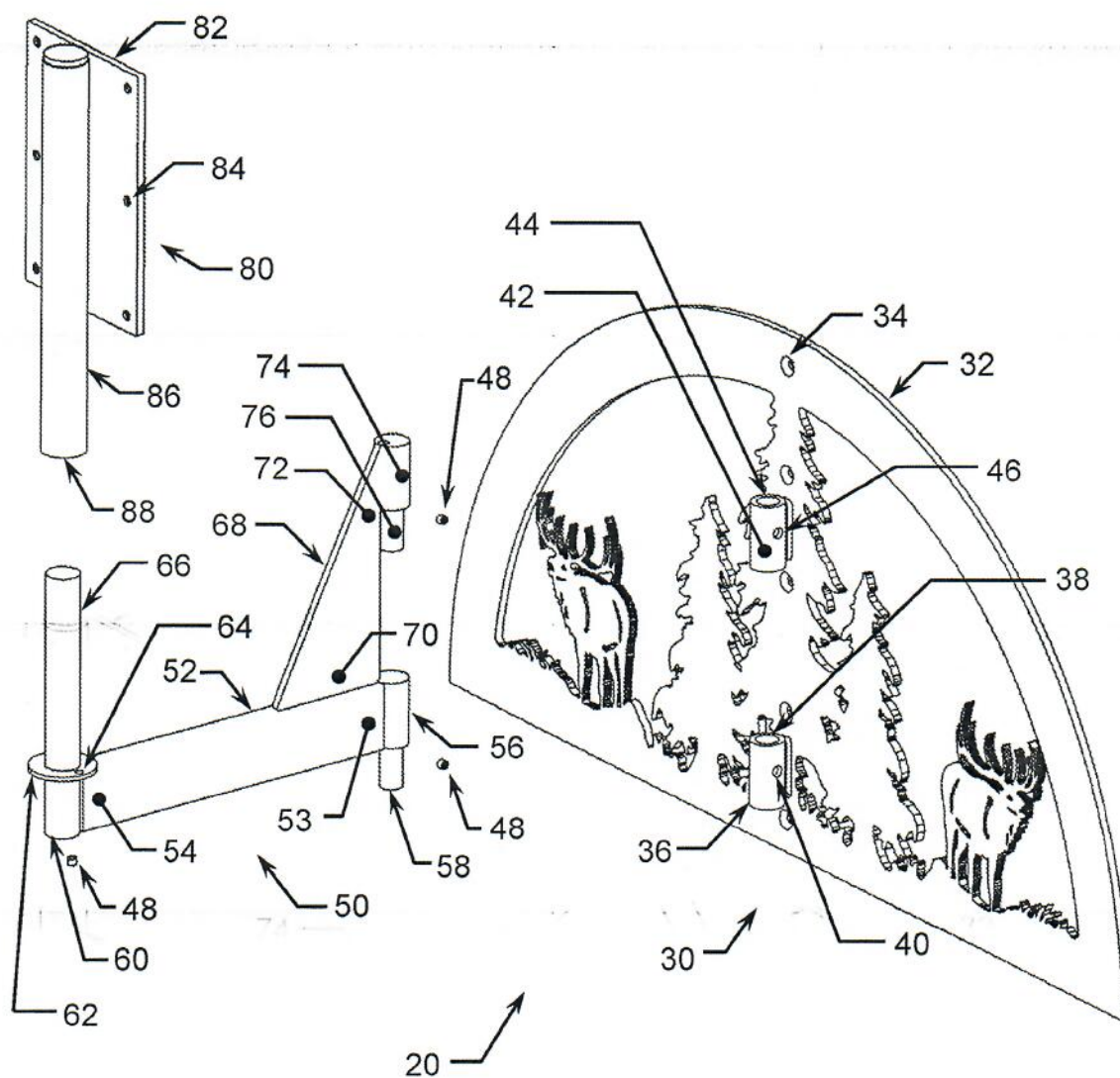


Figure 4

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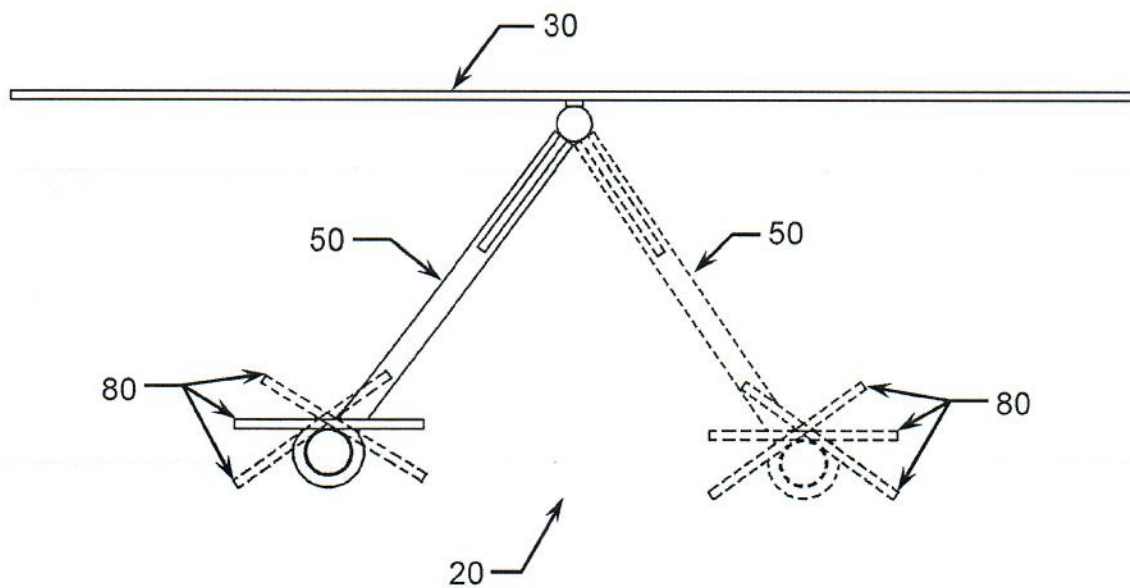


Figure 5

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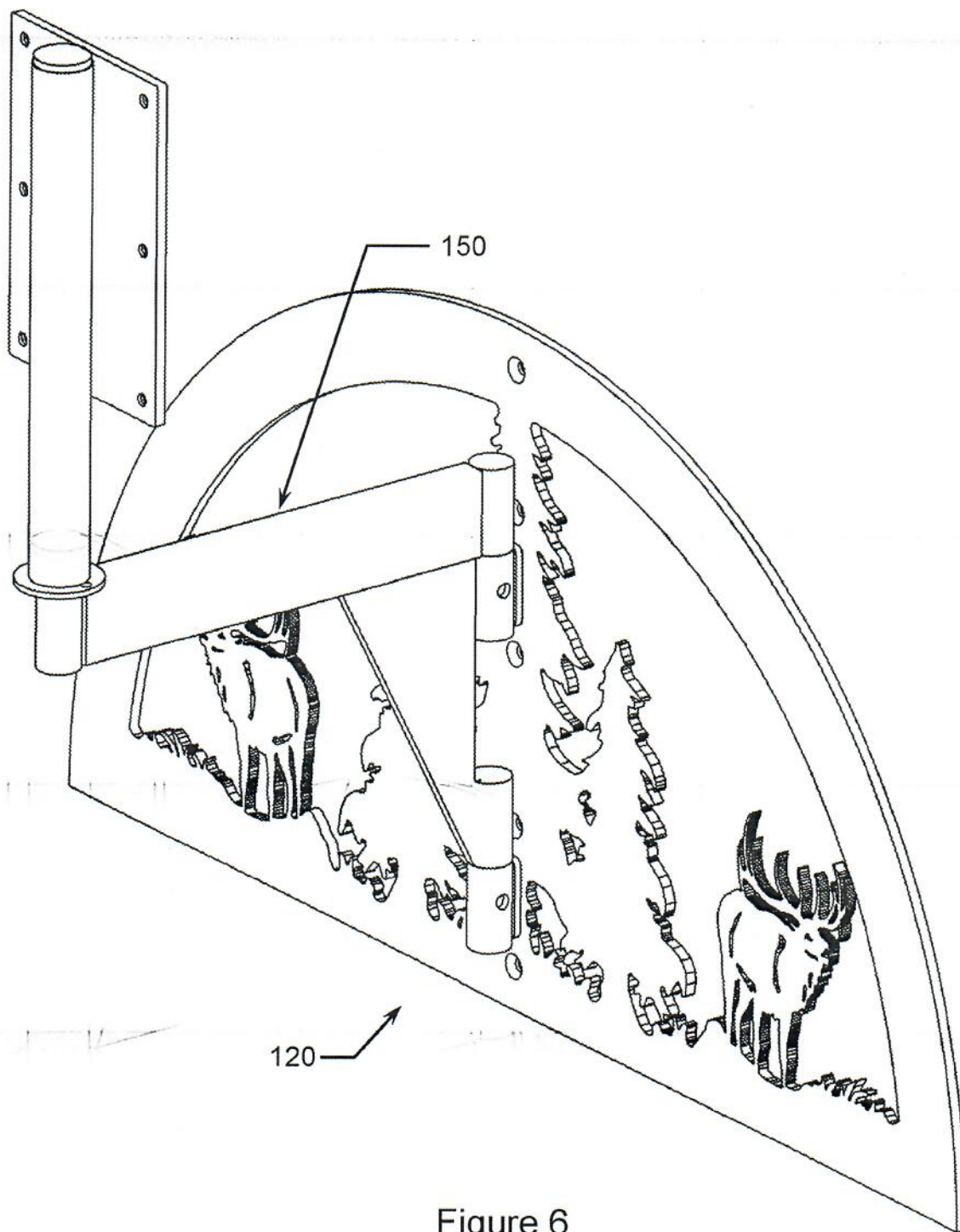


Figure 6

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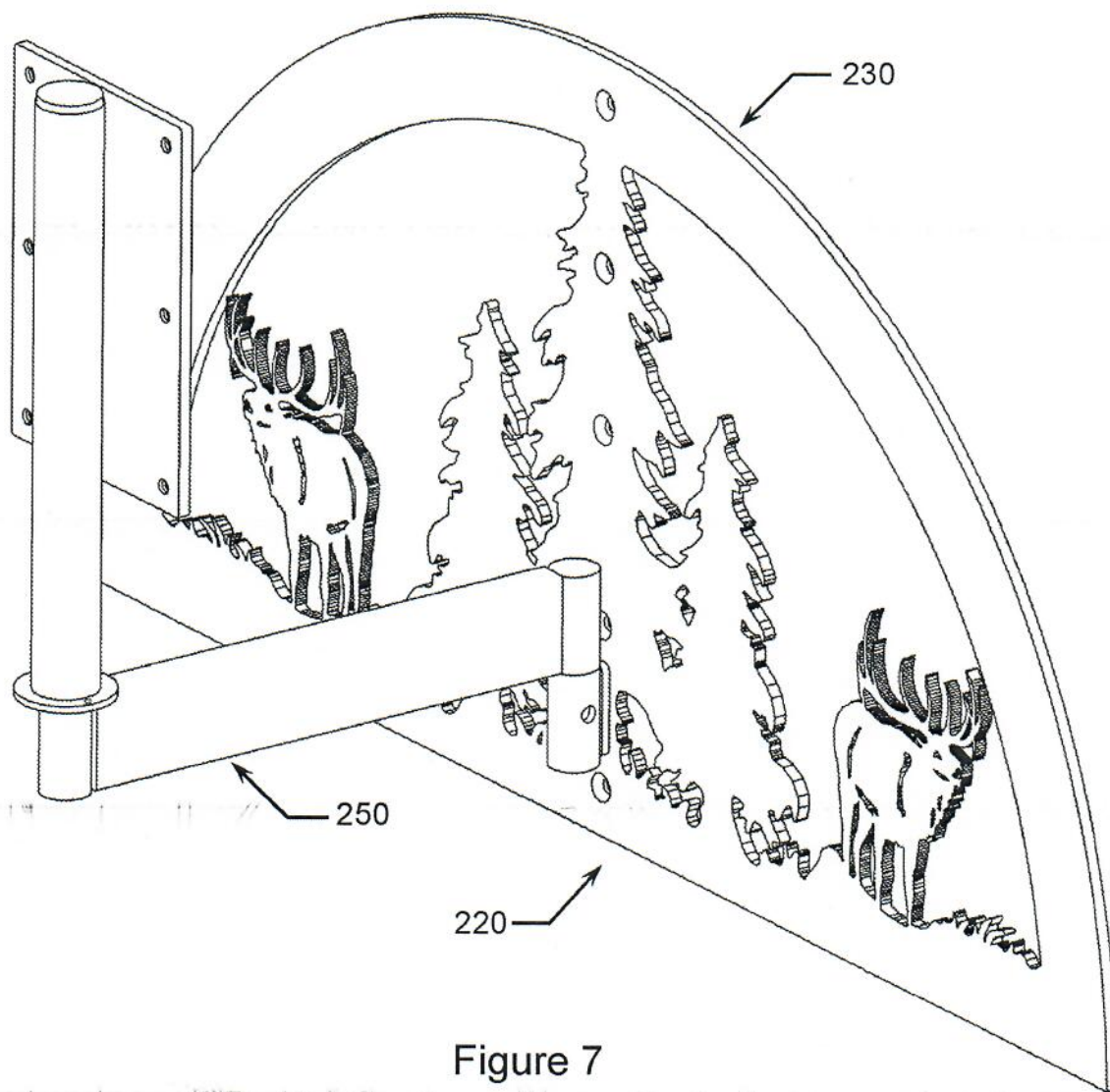


Figure 7

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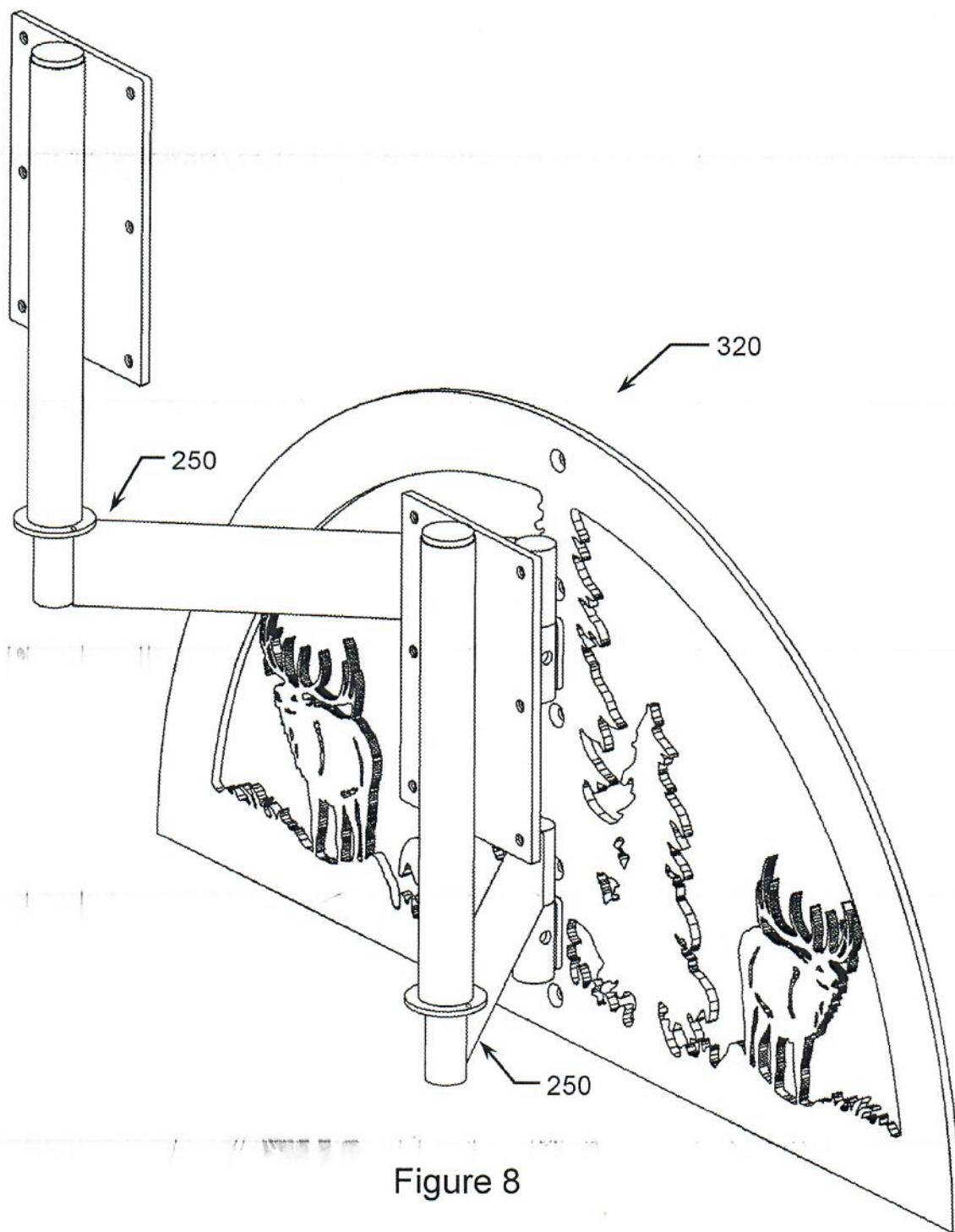


Figure 8

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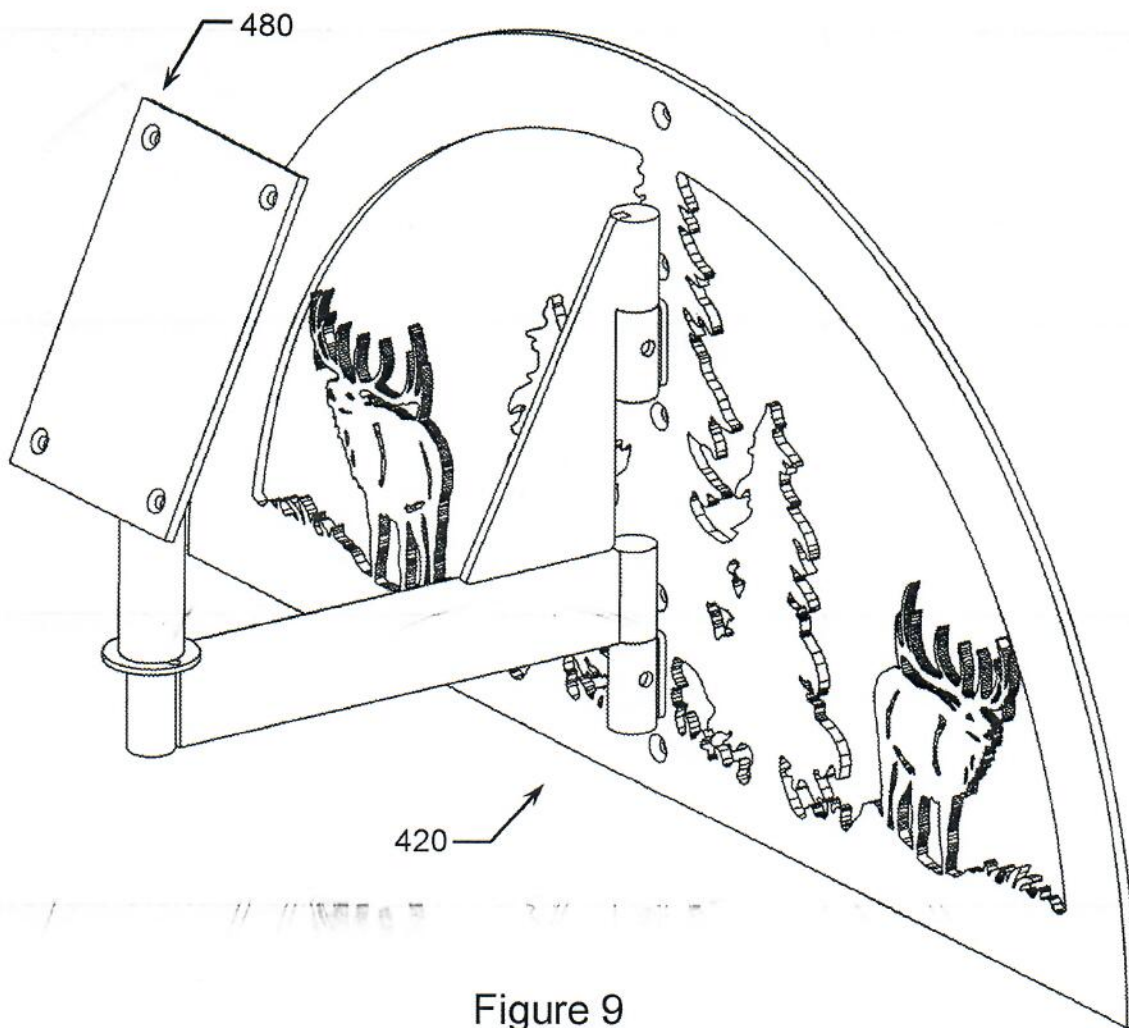


Figure 9

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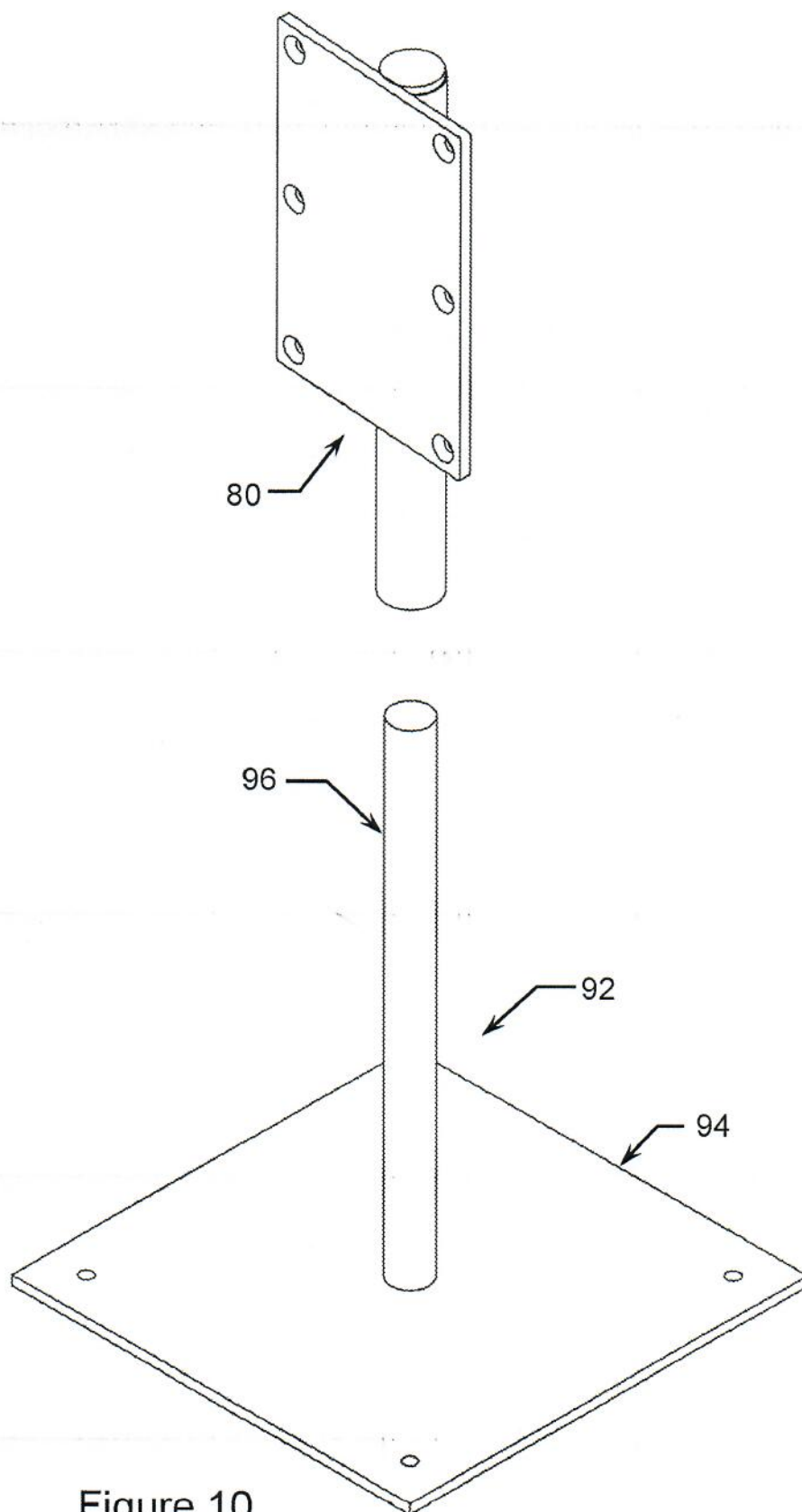


Figure 10

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REPOSITIONABLE TAXIDERMY MOUNT APPARATUS

CROSS REFERENCE TO RELATED APPLICATIONS

This US nonprovisional utility patent application is a continuation of and claims the benefit under 35 USC § 120 to U.S. application Ser. No. 11/963,828 filed Dec. 22, 2007 and expected to issue as U.S. Pat. No. 9,972,221 on May 15, 2018, and is expressly incorporated herein in its entirety by this reference.

BACKGROUND OF THE INVENTION

Field of the Invention

This invention relates to taxidermy type mounting apparatuses and in particular, to taxidermy mounting apparatuses that provide for movement or repositioning of the mounted game or fish or like mounted object

Description of the Related Art

It is common for hunters, fishermen, and outdoor enthusiasts to desire to display animals or the like that they have taken in the wild. A variety of taxidermy type mounting apparatuses are further well known and are in widespread use in displaying such animals. Such mounting apparatuses have often consisted merely of a static display case, a static display stand, or of a static plaque type mounting apparatus that mounts substantially flush to a wall.

However, some have sought to improve upon such static type mounting apparatuses. Many users of mount apparatuses have shown a desire to be able to reposition a mounted animal head or animal bust to a variety of different positions without the need of having to remount the animal head or animal bust. For instance, the following list of US patents and applications disclose inventions related to taxidermy mounting apparatuses and/or movable mounting apparatuses and are incorporated herein by reference: U.S. Pat. Nos. 4,145,006, 4,225,106, 4,971,865, 6,458,434, 6,561,468, 6,828,035, 7,207,535, 7,243,888, and 20070190891. However, the inventive concepts disclosed in the preceding list of patents have failed to teach a repositionable taxidermy mount apparatus that may be repositionable about multiple axes or that may be repositioned beyond movement about a single rotational axis. Such a repositionable taxidermy mount apparatus that overcomes the noted problems is heretofore unknown and is the subject of this invention.

SUMMARY OF THE INVENTION

The present invention has been developed in response to the present state of the art, and in particular, in response to taxidermy mount apparatuses that were described to be lacking in the art. Accordingly, the present invention is an improved taxidermy mount system or apparatus that comprises substantially flat base plate having at least one support collar, a cantilever type swing arm, and a swivel plate device. The base plate is fastened to a wall or like structure. A first end of the swing arm is rotatably positioned in the collar, and the swivel plate device is rotatably positioned on the second end of the swing arm. With the apparatus thus assembled, the swing arm is free to rotate about a first axis of the swing arm that is substantially coincident with the center of the collar and the center of the swing arm first end.

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The swivel plate device is also free to rotate about an axis that is substantially coincident to the center of the swing arm second end and the center of the swivel plate device. An animal head or animal bust or like object is preferably mounted to the swivel plate device. Thus the taxidermy mount apparatus is adapted to reposition such mounted animal head in a great many different positions and attitudes without mechanical alteration to the mount apparatus.

Reference throughout this specification to features, advantages, or similar language does not imply that all of the features and advantages that may necessarily be realized with the present invention should be or are in any single embodiment of the invention. Rather, language referring to the features and advantages is understood to mean that a specific feature, advantage, or characteristic described in connection with an embodiment is included in at least one embodiment of the present invention. Thus, discussion of the features and advantages, and similar language, throughout this specification may, but do not necessarily, refer to the same embodiment.

Furthermore, the described features, advantages, and characteristics of the invention may be combined in any suitable manner in one or more embodiments. One skilled in the relevant art will recognize that the invention can be practiced without one or more of the specific features or advantages of a particular embodiment. In other instances, additional features and advantages may be recognized in certain embodiments that may not be present in all embodiments of the invention.

These features and advantages of the present invention will become more fully apparent from the following description and appended claims, or may be learned by the practice of the invention as set forth hereinafter.

DESCRIPTION OF DRAWINGS

In order that the advantages of the invention will be readily understood, a more particular description of the invention briefly described above will be rendered by reference to specific embodiments that are illustrated in the appended drawings. Understanding that these drawings depict only typical embodiments of the invention and are not therefore to be considered to be limiting of its scope, the invention will be described and explained with additional specificity and detail through the use of the accompanying drawings, in which:

FIG. 1 is an isometric view of a first embodiment of the apparatus having an animal bust shown mounted to the apparatus;

FIG. 2 is a reverse isometric view of a first embodiment of the apparatus having an animal bust shown mounted to the apparatus;

FIG. 3 is an isometric view of a first embodiment of the apparatus;

FIG. 4 is an exploded isometric view of a first embodiment of the apparatus;

FIG. 5 is a plan view of a first embodiment of the apparatus depicting the rotational movement of the apparatus;

FIG. 6 is an isometric view of a second embodiment of the apparatus, the second embodiment having an inverted swing arm;

FIG. 7 is an isometric view of a third embodiment of the apparatus, the third embodiment having a light duty swing arm;

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FIG. 8 is an isometric view of a fourth embodiment of the apparatus, the fourth embodiment having multiple swing arms;

FIG. 9 is an isometric view of a fifth embodiment of the apparatus, the fifth embodiment having an angled swivel plate device, and;

FIG. 10 is an exploded isometric view of a swivel plate device and a pedestal.

DETAILED DESCRIPTION OF THE INVENTION

Reference throughout this specification to "one embodiment," "an embodiment," or similar language means that a particular feature, structure, or characteristic described in connection with the embodiment is included in at least one embodiment of the present invention. Thus, appearances of the phrases "in one embodiment," "in an embodiment," and similar language throughout this specification may, but do not necessarily, all refer to the same embodiment.

Furthermore, the described features, structures, or characteristics of the invention may be combined in any suitable manner in one or more embodiments. In the following description, numerous specific details are included to provide a thorough understanding of embodiments of the invention. One skilled in the relevant art will recognize, however, that the invention can be practiced without one or more of the specific details, or with other methods, components, materials, and so forth. In other instances, well-known structures, materials, or operations are not shown or described in detail to avoid obscuring aspects of the invention.

The invention is an improved repositionable taxidermy mount apparatus for display a mounted animal bust in a variety of repositionable positions. The invention preferably includes at least one swing arm that provides for rotational movement about at least two axes. In order to facilitate the understanding of the present invention in reviewing the drawings accompanying the specification, a feature list is provided below. It is noted that like features are like numbered throughout all of the figures.

FEATURE TABLE

#	Feature	#	Feature
20	Mount apparatus	30	Base
32	Base plate	34	Attach hole
36	Lower blind collar	38	Bore hole
40	Threaded set screw hole	42	Upper blind collar
44	Bore hole	46	Threaded set screw hole
48	Set screw	50	Swing arm device
52	Support arm	53	Support arm first end
54	Support arm second end	56	First shaft
58	Rod	60	Second shaft
62	Shaft flange	64	Set screw hole
66	Rod	68	Gusset
70	Gusset lower end	72	Gusset upper end
74	Third shaft	76	Rod
80	Swivel plate device	82	Swivel plate
84	Attach hole	86	Blind collar
88	Bore hole	90	Animal bust
92	Pedestal	94	Base
96	Rod		
120	Mount apparatus	30	Base
32	Base plate	34	Attach hole
36	Lower blind collar	38	Bore hole
40	Threaded set screw hole	42	Upper blind collar
44	Bore hole	46	Threaded set screw hole
48	Set screw	150	Swing arm device

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-continued

FEATURE TABLE

#	Feature	#	Feature
52	Support arm	53	Support arm first end
54	Support arm second end	56	First shaft
58	Rod	60	Second shaft
62	Shaft flange	64	Set screw hole
66	Rod	68	Gusset
70	Gusset lower end	72	Gusset upper end
74	Third shaft	76	Rod
80	Swivel plate device	82	Swivel plate
84	Attach hole	86	Blind collar
88	Bore hole	90	Animal bust
220	Mount apparatus	230	Base
32	Base plate	34	Attach hole
36	Lower blind collar	38	Bore hole
40	Threaded set screw hole		
48	Set screw	250	Swing arm device
52	Support arm	53	Support arm first end
54	Support arm second end	56	First shaft
58	Rod	60	Second shaft
62	Shaft flange	64	Set screw hole
66	Rod		
80	Swivel plate device	82	Swivel plate
84	Attach hole	86	Blind collar
88	Bore hole	90	Animal bust
320	Mount apparatus	30	Base
32	Base plate	34	Attach hole
36	Lower blind collar	38	Bore hole
40	Threaded set screw hole	42	Upper blind collar
44	Bore hole	46	Threaded set screw hole
48	Set screw	250	Swing arm device
52	Support arm	53	Support arm first end
54	Support arm second end	56	First shaft
58	Rod	60	Second shaft
62	Shaft flange	64	Set screw hole
66	Rod		
80	Swivel plate device	82	Swivel plate
84	Attach hole	86	Blind collar
88	Bore hole	90	Animal bust
420	Mount apparatus	30	Base
32	Base plate	34	Attach hole
36	Lower blind collar	38	Bore hole
40	Threaded set screw hole	42	Upper blind collar
44	Bore hole	46	Threaded set screw hole
48	Set screw	50	Swing arm device
52	Support arm	53	Support arm first end
54	Support arm second end	56	First shaft
58	Rod	60	Second shaft
62	Shaft flange	64	Set screw hole
66	Rod		
80	Swivel plate device	82	Swivel plate
84	Attach hole	86	Blind collar
88	Bore hole	90	Animal bust
480	Swivel plate device	82	Swivel plate
84	Attach hole	86	Blind collar
88	Bore hole	90	Animal bust

Referring now to the drawings and in particular to FIGS. 1 through 4, a first embodiment of the invention is a repositionable taxidermy mount apparatus 20 for use in displaying a mounted animal bust 90 in a variety of repositionable configurations comprising a base 30, a swing arm device 50, a swivel plate device 80, and preferably a plurality of set screws 48. It shall be noted that a variety of creatures or creature parts including but not limited to a deer head, a deer bust, an elk head, an elk bust, an antelope head, an antelope bust, a moose head, a moose bust, a bear head, a bear bust, a bison head, a bison bust, a bird, a bird head, a bird bust, a fish, and a fish head may be mounted to apparatus 20, and that all such creatures or creature parts shall fall within the meaning of the term "taxidermy mount object".

Base 30 comprises a substantially flat rigid steel base plate 32 welded to a lower blind steel collar 36 and to an upper blind steel collar 42. Plate 32 further includes a

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plurality of attach holes 34. Plate 32 may optionally include decorative cutouts formed in plate 32. For instance, plate 32 may define an outdoor type scenery cutout depicting trees, animals, and other images relating to hunting. Lower blind collar 36 includes a bore hole 38, and preferably a threaded set screw hole 40. Upper blind collar 42 includes a bore hole 44, and preferably a threaded set screw hole 46.

Swing arm device 50 comprises a support arm 52, a first shaft 56, a second shaft 60, a gusset 68, and a third shaft 74. Support arm 52 defines generally rectangular elongated rigid steel arm having a first end 53, and a second end 54. First shaft 56 defines a generally rigid cylindrical steel shaft having a rigid cylindrical steel rod 58 protruding downwardly from shaft 56. Shaft 56 defines an outer diameter and rod 58 defines an outer diameter, with the outer diameter of shaft 56 being larger than the outer diameter of rod 58. Second shaft 60 defines a generally rigid cylindrical steel shaft having a rigid cylindrical steel rod 66 protruding upwardly from shaft 60 and having a substantially thin cylindrical steel flange 62 affixed between shaft 60 and rod 66 and extending radially outward therefrom. Shaft 60 defines an outer diameter, rod 66 defines an outer diameter, and flange 62 defines an outer diameter, with the outer diameter of shaft 60 being larger than the outer diameter of rod 66, and with the outer diameter of flange 62 being larger than the outer diameter of shaft 60. Flange 62 further preferably includes threaded set screw hole 64 formed in flange 62. Gusset 68 defines generally flat triangular rigid steel gusset having a lower end 70, and an upper end 72. Third shaft 74 defines a generally rigid cylindrical steel shaft having a rigid cylindrical steel rod 76 protruding downwardly from shaft 74. Shaft 74 defines an outer diameter and rod 76 defines an outer diameter, with the outer diameter of shaft 74 being larger than the outer diameter of rod 76. Support arm first end 53 is welded to first shaft 56, and support arm second end 54 is welded to second shaft 60. Gusset lower end is welded to an upper surface of support arm 52, and gusset upper end is welded to shaft 74. Swing arm device 50, having a gusset 68 and a third shaft 74, is considered a heavy duty swing arm device.

Swivel plate device 80 comprises a substantially flat rigid steel swivel plate 82 welded to an elongated blind steel collar 86 such that plate 82 is positioned substantially parallel to collar 86. Plate 82 further includes a plurality of attach holes 84. Elongated blind collar 86 includes an elongated bore hole 88.

Set screw 48 defines a mechanical type set screw as is common to the fastening industry. Specifically, set screw 48 preferably defines a cylindrical screw having outer threads and a point on a first end and a slot on a second end. Pedestal 92 defines a conventional pedestal having a base 94 and a rod 96.

Repositionable taxidermy mount apparatus 20 is assembled such that base 30 is mounted to a wall or like structure by installing screws or like fasteners through attach holes 34 and into a wall, swing arm device 50 is rotatably connected to base 30 by inserting rods 58 and 76 into bore holes 38 and 44 respectively, and swivel plate device 80 is rotatably connected to swing arm device 50 by inserting rod 66 into bore hole 88. With apparatus 20 thus assembled, swivel plate 82 is repositionable to a multitude of different positions by virtue of swing arm device 50 being rotatable with respect to base 30 in combination with swivel plate device 80 being rotatable with respect to swing arm device 50. Such compound movement or movement along or about more than one axis for the purposes of this application shall be considered "complex movement" and shall define over

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"simple movement" which for the purposes of this application shall be considered that movement which is limited to movement along or about a single axis. To temporarily secure swivel plate 82 from movement, set screws 48 may be threadingly inserted into threaded set screw holes 40 and 46 such that rotation of swing arm device 50 with respect to base 30 is temporarily prevented and set screws 48 may be threadingly inserted into threaded set screw hole 64 such that such that rotation of swivel plate device 80 with respect to swing arm device 50 is temporarily prevented.

In practice, before apparatus 20 is assembled, swivel plate device 80 is preferably assembled into animal bust 90 by casting device 80 within a foam or like animal bust substrate material during the taxidermy construction process of animal bust 90. In such construction process, the only portion of swivel plate device 80 that remains exposed is bore hole 88. Alternatively, swivel plate device 80 may be retroactively attached to a pre-existing animal bust 90 by inserting screws or like fasteners through attach holes 84 and animal bust 90. When apparatus 20 is assembled as described and includes animal bust 90 attached to plate 82, animal bust 90 is repositionable to a multitude of different positions. Thus for instance animal bust 90 could be positioned near a wall or far from a wall. Further, animal bust 90 could be positioned such that animal bust 90 appears to be looking towards a viewer at a predetermined viewing location or alternatively animal bust 90 could be positioned such that animal bust 90 appears to be looking away from a viewer at a predetermined viewing location.

It is noted that swivel plate device 80 is simply and easily removed from swing arm device 50 and may readily be placed on a pedestal such as pedestal 92 by placing bore hole 88 over rod 96. Furthermore, swivel plate device 80 having animal bust attached thereto, may be simply and easily replaced with a second instance of swivel plate device 80 having a second instance of animal bust 90 attached thereto. Thus using the described method, if a user tires of displaying for instance a deer bust, the user may easily replace the deer bust with an antelope bust.

Referring now to the drawings and in particular to FIG. 6, a second embodiment of the invention is repositionable taxidermy mount apparatus 120. Apparatus 120 is substantially identical to apparatus 20 and includes all of the parts and features of apparatus 20 except that in apparatus 120, swing arm device 50 is replaced with swing arm device 150. Swing arm device 150 is substantially identical to swing arm device 50 except that in swing arm device 150, gusset 68 and correspondingly third shaft 74 are welded to a lower surface of support arm 52. Accordingly, in apparatus 120, swivel plate device 80 is positioned higher with respect to base 30 than is swivel plate device 80 with respect to base 30 in apparatus 20.

Referring now to the drawings and in particular to FIG. 7, a third embodiment of the invention is repositionable taxidermy mount apparatus 220. Apparatus 220 is substantially identical to apparatus 20 and includes all of the parts and features of apparatus 20 except that in apparatus 220, base 30 is replaced with base 230 and swing arm device 50 is replaced with swing arm device 250. Base 230 is substantially identical to base 30 except that base 230 does not include upper blind collar 42. Swing arm device 250 is substantially identical to swing arm device 50 except that swing arm device 250 does not include gusset 68 or third shaft 74. Swing arm device 250, not having a gusset 68 and a third shaft 74, is considered a light duty swing arm device.

Referring now to the drawings and in particular to FIG. 8, a fourth embodiment of the invention is repositionable

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taxidermy mount apparatus 320. Apparatus 320 is substantially identical to apparatus 20 and includes all of the parts and features of apparatus 20 except that in apparatus 320, single swing arm device 50 is replaced with two instances of swing arm device 250. Accordingly, in apparatus 320, two instances of animal bust 90 may be displayed and repositioned simultaneously.

Referring now to the drawings and in particular to FIG. 9, a fifth embodiment of the invention is repositionable taxidermy mount apparatus 420. Apparatus 420 is substantially identical to apparatus 20 and includes all of the parts and features of apparatus 20 except that in apparatus 420, swivel plate device 80 is replaced with swivel plate device 480. Swivel plate device 480 is substantially identical to swivel plate device 80 except that in swivel plate device 480, swivel plate 82 is welded to collar 86 such that plate 82 is positioned in a substantially angled or non-parallel attitude with respect to collar 86. Accordingly, in apparatus 420, animal bust 90 may be display at an angle that is different from the display angle of apparatus 20. Furthermore, it is noted that in apparatus 20, a variety of swivel plate devices having a variety of swivel plate display angles may be substituted for swivel plate device 80.

The present invention may be embodied in other specific forms without departing from its spirit or essential characteristics. The described embodiments are to be considered in all respects only as illustrative and not restrictive. The scope of the invention is, therefore, indicated by the appended claims rather than by the foregoing description. All changes which come within the meaning and range of equivalency of the claims are to be embraced within their scope.

I claim:

1. A repositionable taxidermy mount apparatus comprising: a base defining a substantially flat plate having at least one collar connected to said plate; a support arm having a first end and a second end, said first end being connected to at least one first shaft having a rod extending therefrom, and said second end being connected to a second shaft having a rod extending therefrom; a swivel device defining a substantially flat plate having a collar connected to said plate, and; a taxidermy mount object; wherein said rod of said at least one first shaft is rotatably positioned in said at least one base collar, and wherein said swivel device collar is rotatably positioned on said rod of said second shaft, and wherein said taxidermy mount object is mounted to said swivel device such that said support arm is rotatable about said support arm first end and said swivel device is rotatable about said support arm second end, such that said taxidermy mount object is repositionable via complex movement to result in at least one repositioning comprising said taxidermy mount object being repositioned from a near to said base position to a far from said base position, said taxidermy mount object being repositioned from a far from said base position to a near to said base position, said taxidermy mount object being repositioned from a looking towards a viewer at a predetermined viewing location position to a looking away from said viewer at said predetermined viewing location position, said taxidermy mount object being repositioned from a looking away from a viewer at a predetermined viewing location position to a looking towards said viewer at said predetermined viewing location position, and a combination thereof, and wherein said apparatus includes at least one fixation device adapted such that said apparatus is selectively temporarily fixable in a plurality of predetermined positions, and wherein said support arm includes a gusset having a first end and a second end, said gusset first end being connected to said support arm and said

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gusset second end being connected to a second instance of a shaft of said at least one first shaft.

2. The apparatus of claim 1, wherein said base collar defines a blind collar having a bore hole opening at an upper end of said collar, and wherein said rod of said first shaft extends downwardly from said first shaft, and wherein said rod of said second shaft extends upwardly from said second shaft, and wherein said swivel device collar defines a blind collar having a bore hole opening at a lower end of said collar.

3. The apparatus of claim 1, wherein said base includes a plurality of collars, and wherein said support arm includes a plurality of first shafts.

4. The apparatus of claim 3, wherein said taxidermy mount object defines at least one of a deer, an elk, an antelope, a moose, a bear, a bison, a bird, and a fish.

5. The apparatus of claim 1, wherein said base includes a plurality of collars, and wherein said apparatus includes a plurality of support arms, and wherein each of said support arms includes a swivel device rotatably positioned thereon, and wherein each of said swivel devices includes a taxidermy mount object attached thereto.

6. The apparatus of claim 1, wherein said swivel device defines a first swivel device, and wherein said first swivel device is readily substitutable with a second swivel device, and wherein said plate of said first swivel device is affixed to said collar of said first swivel device such that said first swivel device plate is substantially parallel to said first swivel device collar, and wherein said plate of said second swivel device is affixed to said collar of said second swivel device such that said second swivel device plate is substantially non-parallel to said second swivel device collar.

7. The apparatus of claim 1, wherein said swivel device is readily repositionable onto a pedestal stand.

8. The apparatus of claim 1, wherein said taxidermy mount object defines at least one of a deer, an elk, an antelope, a moose, a bear, a bison, a bird, and a fish.

9. A repositionable taxidermy mount apparatus comprising: a base defining a substantially flat plate having at least one collar connected to said plate; a support arm having a first end and a second end, said first end being connected to at least one first shaft having a rod extending therefrom, and said second end being connected to a second shaft having a rod extending therefrom; a swivel device defining a substantially flat plate having a collar connected to said plate, and; a taxidermy mount object; wherein said rod of said at least one first shaft is rotatably positioned in said at least one base collar, and wherein said swivel device collar is rotatably positioned on said rod of said second shaft, and wherein said taxidermy mount object is mounted to said swivel device such that said support arm is rotatable about said support arm first end and said swivel device is rotatable about said support arm second end, such that said taxidermy mount object is repositionable via complex movement, and said apparatus includes at least one fixation device adapted such that said apparatus is selectively temporarily fixable in a plurality of predetermined positions, and wherein said support arm includes a gusset having a first end and a second end, said gusset first end being connected to said support arm and said gusset second end being connected to a second instance of a shaft of said at least one first shaft.

10. The apparatus of claim 9, wherein said base includes a plurality of collars, and wherein said support arm includes a plurality of first shafts.

11. The apparatus of claim 9, wherein said base includes a plurality of collars, and wherein said apparatus includes a plurality of support arms, and wherein each of said support

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arms includes a swivel device rotatably positioned thereon, and wherein each of said swivel devices includes a taxidermy mount object attached thereto.

12. The apparatus of claim 9, wherein said swivel device is readily repositionable onto a pedestal stand.

13. The apparatus of claim 9, wherein said taxidermy mount object defines at least one of a deer, an elk, an antelope, a moose, a bear, a bison, a bird, and a fish.

14. The apparatus of claim 9, wherein said apparatus is repositionable to result in at least one repositioning comprising said taxidermy mount object being repositioned from a near to said base position to a far from said base position, said taxidermy mount object being repositioned from a far from said base position to a near to said base position, said taxidermy mount object being repositioned from a looking towards a viewer at a predetermined viewing location position to a looking away from said viewer at said predetermined viewing location position, said taxidermy mount object being repositioned from a looking away from a viewer at a predetermined viewing location position to a looking towards said viewer at said predetermined viewing location position, and a combination thereof.

15. A repositionable taxidermy mount apparatus comprising: a taxidermy mount object display device having a taxidermy mount object displayingly mounted thereon and adapted such that said taxidermy mount object is repositionable via rotational movement of said taxidermy mount object about a plurality of axes, wherein said apparatus includes at least one support arm, wherein said support arm includes a gusset having a first end and a second end, said gusset first end being connected to said support arm and said gusset second end being connected to a shaft, and wherein said apparatus is repositionable to result in at least one repositioning comprising said taxidermy mount object being repositioned from a near to a base position to a far from a base position, said taxidermy mount object being repositioned from a far from a base position to a near to a base position, said taxidermy mount object being repositioned from a looking towards a viewer at a predetermined viewing location position to a looking away from said viewer at said predetermined viewing location position, said taxidermy mount object being repositioned from a looking away from a viewer at a predetermined viewing location position to a looking towards said viewer at said predetermined viewing location position, and a combination thereof.

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16. The apparatus of claim 15, wherein said taxidermy mount object display device includes a plurality of taxidermy mount objects displayingly mounted thereon.

17. The apparatus of claim 15, wherein said taxidermy mount object display device is readily repositionable onto a pedestal stand.

18. The apparatus of claim 15, wherein said taxidermy mount object defines at least one of a deer, an elk, an antelope, a moose, a bear, a bison, a bird, and a fish.

19. The apparatus of claim 15, wherein said at least one support arm comprises at least one of a welded support arm, a non-S-shaped/non-cylindrical support arm, and a combination thereof.

20. The apparatus of claim 15, wherein said apparatus includes at least one fixation device adapted such that said apparatus is selectively temporarily fixable in a plurality of predetermined positions.

21. A repositionable taxidermy mount apparatus comprising: a taxidermy mount object display device having a taxidermy mount object displayingly mounted thereon and adapted such that said taxidermy mount object is repositionable via complex movement, wherein said apparatus includes at least one support arm, wherein said support arm includes a gusset having a first end and a second end, said gusset first end being connected to said support arm and said gusset second end being connected to a shaft, and wherein said apparatus is repositionable to result in at least one repositioning comprising said taxidermy mount object being repositioned from a near to a base position to a far from a base position, said taxidermy mount object being repositioned from a far from a base position to a near to a base position, said taxidermy mount object being repositioned from a looking towards a viewer at a predetermined viewing location position to a looking away from said viewer at said predetermined viewing location position, said taxidermy mount object being repositioned from a looking away from a viewer at a predetermined viewing location position to a looking towards said viewer at said predetermined viewing location position, and a combination thereof, and wherein said at least one support arm comprises at least one of a welded support arm, a non-S-shaped/non-cylindrical support arm, and a combination thereof.

* * * * *

Claim 1 of US patent 9,972,221 is analyzed in comparison to McKenzie Swivel Bracket SBRK8 (MSB8).

US 9,972,221, claim 1 reads verbatim: "A repositionable taxidermy mount apparatus for use in repositionally displaying a taxidermy mount object including processed deer, elk, antelope, moose, bear, bison, birds, and fish both near a wall and far from a wall via complex movement such that the viewing orientation of said taxidermy mount object is altered, said apparatus comprising: a base defining a substantially flat plate having at least one collar connected to said plate; a support arm having a first end and a second end, said first end being connected to at least one first shaft having a rod extending therefrom, and said second end being connected to a second shaft having a rod extending therefrom; a swivel device defining a substantially flat plate having a collar connected to said plate, and; a taxidermy mount object; wherein said rod of said at least one first shaft is rotatably positioned in said at least one base collar, and wherein said swivel device collar is rotatably positioned on said rod of said second shaft, and wherein said taxidermy mount object is mounted to said swivel device such that said support arm is rotatable about said support arm first end and said swivel device is rotatable about said support arm second end, such that said taxidermy mount object is repositionable via complex motion to result in at least one repositioning comprising said taxidermy mount object being repositioned from a near to said base position to a far from said base position, said taxidermy mount object being repositioned from a far from said base position to a near to said base position, said taxidermy mount object being repositioned from a looking towards a viewer at a predetermined viewing location position to a looking away from said viewer at said predetermined viewing location position, said taxidermy mount object being repositioned from a looking away from a viewer at a predetermined viewing location position to a looking towards said viewer at said predetermined viewing location position, and a combination thereof, and wherein a select apparatus position is temporarily fixed, and wherein said base collar includes a threaded set screw hole, and wherein said support arm second shaft includes a flange having a threaded set screw hole, and wherein said apparatus includes a plurality of threaded set screws, and wherein when a set screw is threadingly inserted into said base collar set screw hole and wherein when a set screw is threadingly inserted into said support arm flange set screw hole, said select apparatus position is temporarily fixed".

Lmt #	Limitations Contained in Subject Claim of 9,972,221	Claim 1	MSB8
1-1	The product is a repositionable taxidermy mount apparatus.	Y	Y
1-2	The apparatus has a base defining a substantially flat plate having at least one collar connected to the plate.	Y	Y
1-3	The apparatus has a support arm having a first end and a second end.	Y	Y
1-4	The support arm has a first end connected to at least one first shaft having a rod extending therefrom.	Y	Y
1-5	The support arm has a second end connected to a second shaft having a rod extending therefrom.	Y	Y
1-6	The apparatus has a swivel device defining a substantially flat plate having a collar connected to the plate.	Y	Y
1-7	The apparatus has a taxidermy mount object.	Y	Y
1-8	The rod of the at least one first shaft is rotatably positioned in the at least one base collar.	Y	Y
1-9	The swivel device collar is rotatably positioned on the rod of the second shaft.	Y	Y
1-10	The taxidermy mount object is mounted to the swivel device such that the support arm is rotatable about the support arm first end and the swivel device is rotatable about the support arm second end, such that the taxidermy mount object is repositionable via complex motion.	Y	Y

1-11	The complex motion results in at least one repositioning comprising 1) the taxidermy mount object being repositioned from a near to the base position to a far from the base position, 2) the taxidermy mount object being repositioned from a far from the base position to a near to the base position, 3) the taxidermy mount object being repositioned from a looking towards a viewer at a predetermined viewing location position to a looking away from the viewer at the predetermined viewing location position, 4) the taxidermy mount object being repositioned from a looking away from a viewer at a predetermined viewing location position to a looking towards the viewer at the predetermined viewing location position, and 5) a combination thereof.	Y	Y
1-12	A select apparatus position is temporarily fixed.		
1-13	The base collar includes a threaded set screw hole.		
1-14	The support arm second shaft includes a flange having a threaded set screw hole.		
1-15	The apparatus includes a plurality of threaded set screws.		
1-16	When a set screw is threadingly inserted into the base collar set screw hole and a set screw is threadingly inserted into the support arm flange set screw hole, the select apparatus position is temporarily fixed.		

The MSB8 practices every limitation of claim 1 of 9,972,221.

Claim 15 of US patent 11,250,730 is analyzed in comparison to McKenzie AIM product.

US 11,250,730, claim 15 reads verbatim: “A repositionable taxidermy mount apparatus comprising: a taxidermy mount object display device having a taxidermy mount object displayingly mounted thereon and adapted such that said taxidermy mount object is repositionable via rotational movement of said taxidermy mount object about a plurality of axes, wherein said apparatus includes at least one support arm, wherein said support arm includes a gusset having a first end and a second end, said gusset first end being connected to said support arm and said gusset second end being connected to a shaft, and wherein said apparatus is repositionable to result in at least one repositioning comprising said taxidermy mount object being repositioned from a near to a base position to a far from a base position, said taxidermy mount object being repositioned from a far from a base position to a near to a base position, said taxidermy mount object being repositioned from a looking towards a viewer at a predetermined viewing location position to a looking away from said viewer at said predetermined viewing location position, said taxidermy mount object being repositioned from a looking away from a viewer at a predetermined viewing location position to a looking towards said viewer at said predetermined viewing location position, and a combination thereof”.

Lmt #	Limitations Contained in Subject Claim of 11,250,730	Claim 15	AIM
15-1	The product is a repositionable taxidermy mount apparatus.	Y	Y
15-2	The apparatus has a taxidermy mount object display device having a taxidermy mount object displayingly mounted thereon.	Y	Y
15-3	The apparatus is adapted such that the taxidermy mount object is repositionable via rotational movement of the taxidermy mount object about a plurality of axes.	Y	Y
15-4	The apparatus has at least one support arm.	Y	Y
15-5	The support arm includes a gusset having a first end and a second end.	Y	Y
15-6	The gusset first end is connected to the support arm and the gusset second end is connected to a shaft.	Y	Y
15-7	The apparatus is repositionable to result in at least one repositioning comprising 1) the taxidermy mount object is repositioned from a near to a base position to a far from a base position, 2) the taxidermy mount object is repositioned from a far from a base position to a near to a base position, 3) the taxidermy mount object is repositioned from a looking towards a viewer at a predetermined viewing location position to a looking away from the viewer at the predetermined viewing location position, 4) the taxidermy mount object is repositioned from a looking away from a viewer at a predetermined viewing location position to a looking towards the viewer at the predetermined viewing location position, and 5) a combination thereof.	Y	Y

The AIM practices every limitation of claim 1 of 11,250,730.

RBY-001U_220509 Claim Analysis Charts - Appx-A1

The MSB8 Product as shown on McKenzie's website

<https://www.mckenzie.com/SBRK8-P25608.aspx>

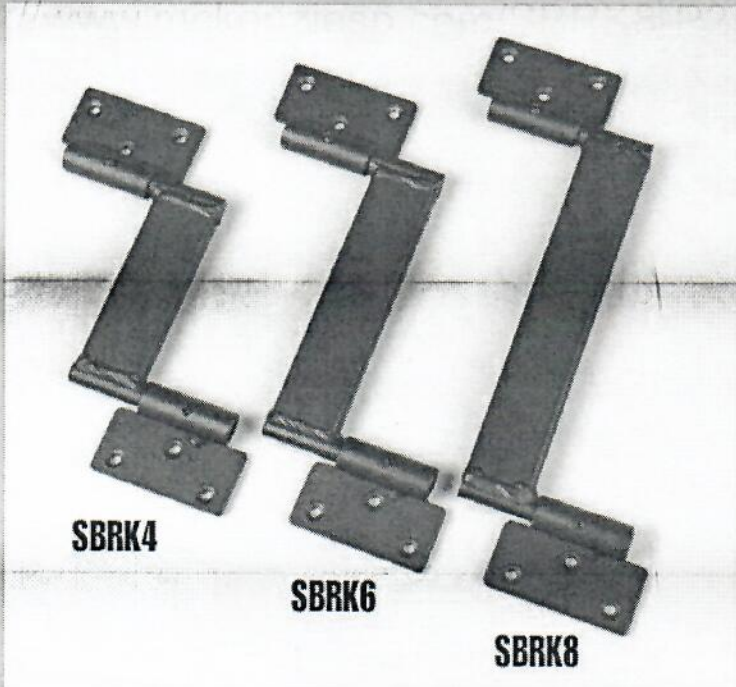


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Home > Display Options > Panels - Hangers > Hangers
SBRK8



SBRK4
SBRK6
SBRK8

Item #: SBRK8

Our Price: \$40.05

Quantity:

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DESCRIPTION

8" Swivel Bracket by McKenzie

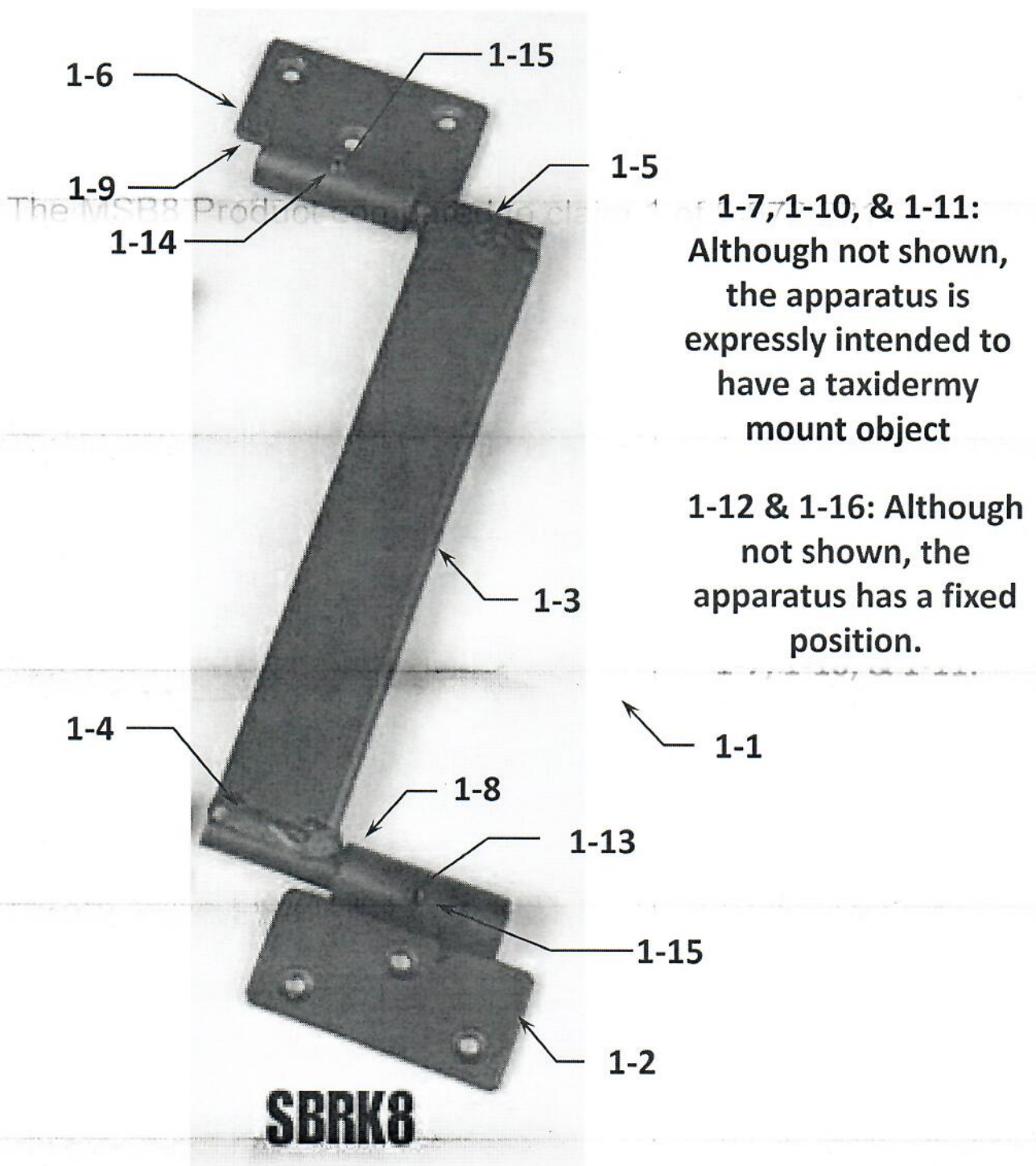
Sold Each

These swivel brackets are strong, affordable and versatile. They come with a powder coated finish, set screws and multiple sizes . We see this bracket being an industry favorite. Available in 4", 6", and 8"

RBY-001U_220509 Claim Analysis Charts - Appx-A2

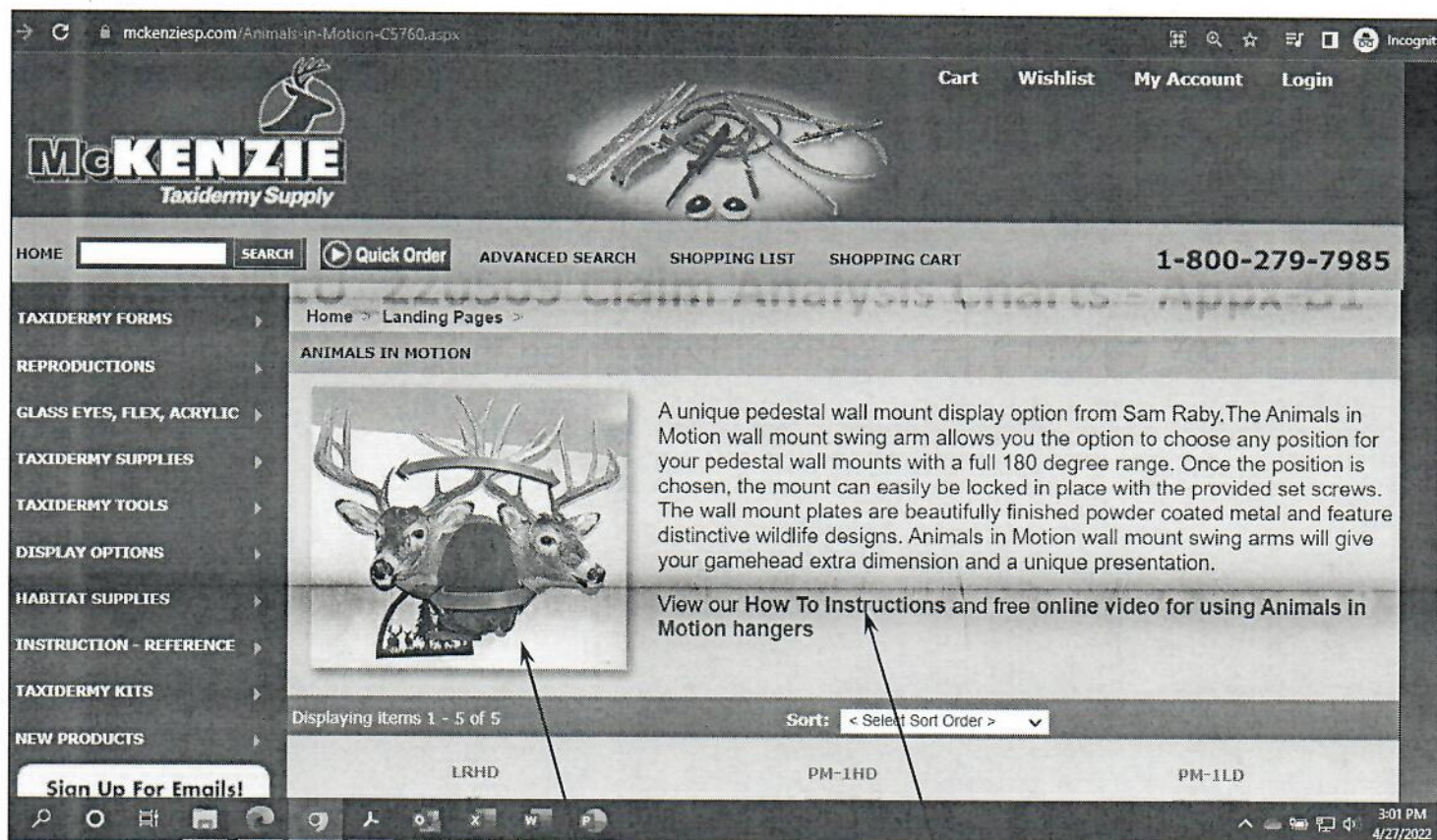
The MSB8 Product compared to claim 1 of 9,972,221

<https://www.mckenzieesp.com/SBRK8-P25608.aspx>



RBV-001U_220509 Claim Analysis Charts - Appx-B1

The AIM Product compared to claim 15 of 11,250,730

<https://www.mckenzieesp.com/Animals-in-Motion-C5760.aspx>

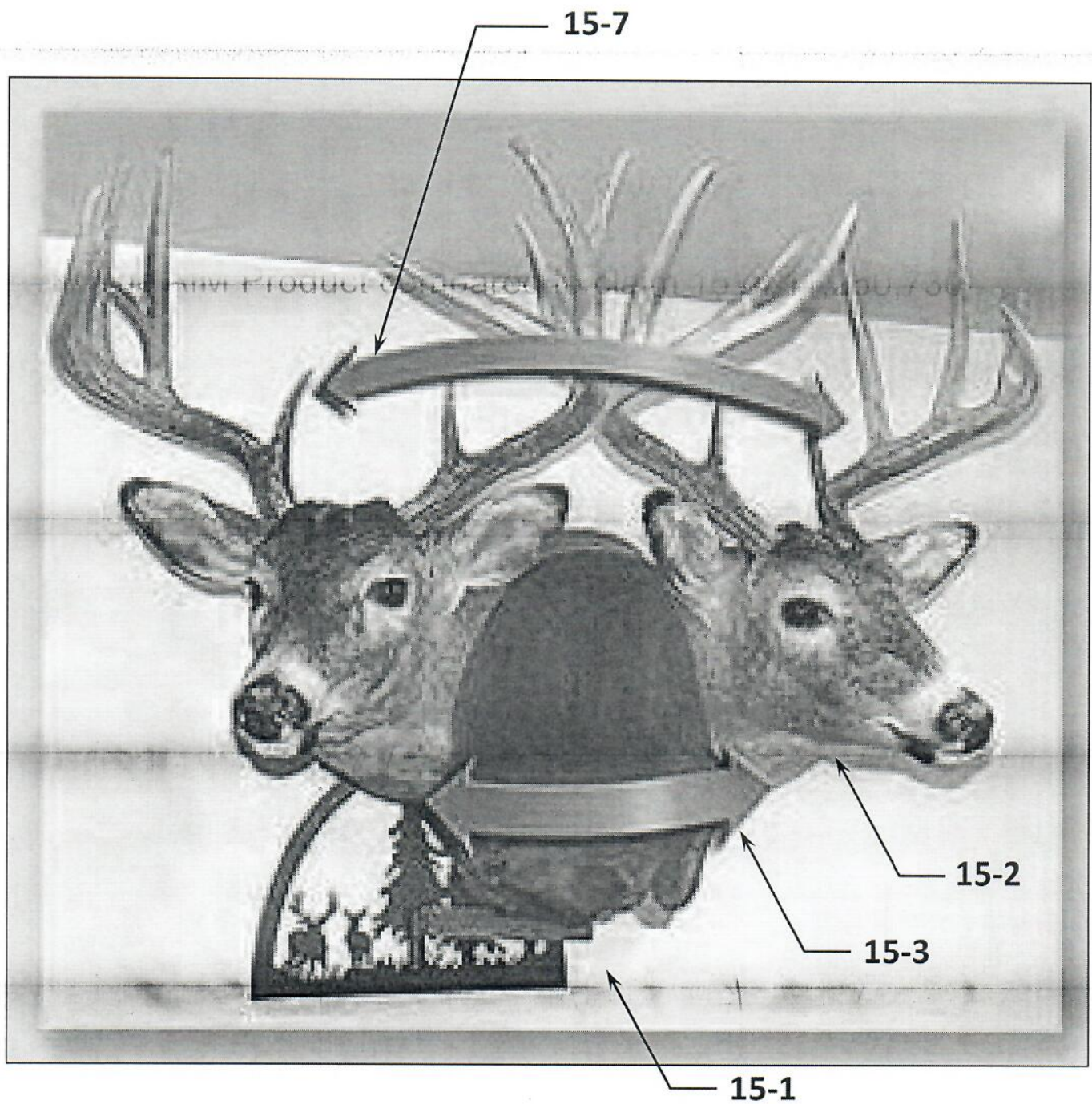
See B2

See B3 & B4

RBV-001U_220509 Claim Analysis Charts - Appx-B2

The AIM Product compared to claim 15 of 11,250,730

<https://www.mckenzieesp.com/Animals-in-Motion-C5760.aspx>



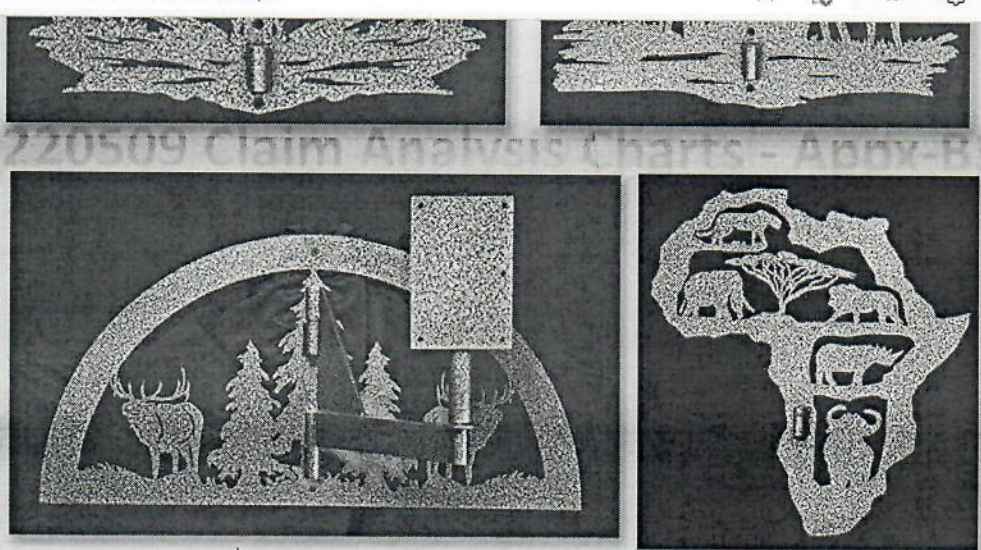
RBY-001U_220509 Claim Analysis Charts - Appx-B3

The AIM Product compared to claim 15 of 11,250,730


<https://www.mckenzieesp.com/Animals-in-Motion-C5760.aspx>

Record List Display | uspto patent search - Search | United States Patent: 112507 | Animals in Motion

<https://www.mckenzieesp.com/Animals-in-Motion-W585C3548.aspx>



The light-duty models are available in an art deco version, a mule deer, a single- and double-whitetail deer scene as well as an elk and African design. The heavy-duty models come in the elk scene and the African map design only. Animals in Motion wall mount swing arms give your gamehead extra dimension and a unique presentation.



Simply level and attach the Animals in Motion swing arm on the wall for adjustable positions.

See B4

RBY-001U_220509 Claim Analysis Charts - Appx-B4

The AIM Product compared to claim 15 of 11,250,730

<https://www.mckenzieesp.com/Animals-in-Motion-C5760.aspx>

